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(BY ACTIVITY)

Activity	Standard	Relation
CHAPTER 1	- INTRODUCTION TO WATER	
THE HYDROLOGIC (WATER) CYCLE	Unifying Concepts and Processes: Systems	3
	order and organization	Ũ
	Unifying Concepts and Processes: Evidence	3
	models and explanation	Ũ
	Unifying Concepts and Processes: Constancy	2
	change and measurement	_
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	U U
	Physical Science : develop an understanding of	1
	conservation of energy and increase in disorder	•
	Physical Science: develop an understanding of	1
	interactions of energy and matter	•
	I ife Science: develop understanding of matter	3
	energy and organization in living systems	Ŭ
	Earth and Space Science: develop understanding	1
	of energy in the earth	•
	Farth and Space Science: develop understanding	2
	of geochemical cycles	-
SURVEYING THE PROPERTIES OF	Unifying Concepts and Processes: Evidence	2
WATER	models and explanation	_
	Unifying Concepts and Processes: Constancy	2
	change and measurement	_
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	Ũ
	Physical Science: develop an understanding of	3
	structure and properties of matter	U U
	Physical Science: develop an understanding of	2
	chemical reactions	_
	Life Science: develop understanding of matter	2
	energy and organization in living systems	_
CLEARLY H₂O	Unifying Concepts and Processes: Evidence.	3
	models, and explanation	Ū.
	Unifying Concepts and Processes: Constancy.	2
	change, and measurement	
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	
	Physical Science: develop an understanding of	2
	structure and properties of matter	
	Physical Science: develop an understanding of	2
	chemical reactions	
	Physical Science: develop an understanding of	1
	interactions of energy and matter	
WATER, WATER EVERYWHERE	Unifying Concepts and Processes: Systems.	2
	order, and organization	
	Unifying Concepts and Processes: Evidence.	2
	models, and explanation	

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

Activity	Standard	Relation
WATER, WATER EVERYWHERE	Unifying Concepts and Processes: Constancy, change, and measurement	1
()	Earth and Space Science: develop understanding	1
	of geochemical cycles	1
	technological design	I
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	-
	Science in Personal and Social Perspectives:	2
	develop understanding of science and technology	
	in local, national, and global challenges	
A GLOBAL VIEW OF THE WET	Unifying Concepts and Processes: Systems,	1
EARTH	order, and organization	
	Unitying Concepts and Processes: Evidence,	1
	Science as Inquiry: develop abilities necessary to	1
	do scientific inquiry	1
	Earth and Space Science: develop understanding	1
	of energy in the earth	
	Earth and Space Science: develop understanding	1
	of geochemical cycles	
	Science and Technology: develop abilities of	2
	technological design	З
	develop understanding of natural resources	5
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
WATER WHIZ - A BOARD GAME	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	1
	do scientific inquiry	I
	Science and Technology: develop	2
	understandings about science and technology	_
	Science in Personal and Social Perspectives:	3
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	-

Activity	Standard	Relation
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	2
WATER: POETIC, PROSAIC, MOSAIC	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	

A ativity	(b) Achivity	Polation
Activity	Standard	Relation
	History and Nature of Colonges develop	4
	understanding of history of asianas	I
WATER?	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	2
	develop understanding of hatural resources	
WATER CAREERS	History and Nature of Science: develop	2
	understanding of science as a human endeavor	
	History and Nature of Science: develop	1
	understanding of nature of science	
	History and Nature of Science: develop	1
	understanding of history of science	
	Science and Technology: develop	2
	understandings about science and technology	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives	2
	develop understanding of science and technology	_
	in local national and global challenges	
WATER: MORE PRICELESS THAN	Unifying Concepts and Processes: Systems,	2
GOLD	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Science as Inquiry: develop understanding about	2
	scientific enquiry	4
	Science in Personal and Social Perspectives:	1
	develop understanding of personal and community	
	Science in Personal and Social Perspectives:	1
	develop understanding of population growth	
	Science in Personal and Social Perspectives:	3
	develop understanding of natural resources	
		-
	Science in Personal and Social Perspectives:	2
	develop understanding of science and technology	
	in local, national, and global challenges	
WATER YOU DOING ABOUT THIS?	Unifying Concepts and Processes: Systems	2
	order, and organization	_
	Unifying Concepts and Processes: Evidence.	2
	models, and explanation	
	Science as Inquiry: develop abilities necessarv to	2
	do scientific inquiry	

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

A (* *)		Deletion
Activity	Standard	Relation
	Science as Inquiry: develop understanding about	1
	scientific enquiry	
	Science in Personal and Social Perspectives:	1
	develop understanding of personal and community	
	nealth	1
	Science in Personal and Social Perspectives:	1
	develop understanding of population growth	
	Science in Personal and Social Perspectives:	3
	develop understanding of natural resources	Ũ
	Science in Personal and Social Perspectives:	2
	develop understanding of science and technology	
	in local, national, and global challenges	
ENVIRONMENTAL CONTROVERSY:	Unifying Concepts and Processes: Evidence,	2
CLASS PROJECT	models, and explanation	
	Unifying Concepts and Processes: Constancy,	1
	change, and measurement	1
	History and Nature of Science: develop	I
	Science and Technology: develop	1
	understandings about science and technology	I
	Science in Personal and Social Perspectives:	3
	develop understanding of natural resources	Ū
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives	2
	develop understanding of natural and human-	-
	induced hazards	
	Science in Personal and Social Perspectives:	3
	develop understanding of science and technology	
	in local, national, and global challenges	
		-
"PH - THE FIRST CLUE TO WATER	Unifying Concepts and Processes: Evidence,	2
QUALITY	models, and explanation	2
	change and measurement	۷
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	U
	Physical Science: develop an understanding of	3
	chemical reactions	-
	Physical Science: develop an understanding of	3
	conservation of energy and increase in disorder	

Activity	Standard	Relation
-		
	Earth and Space Science: develop understanding	2
	of geochemical cycles	
WHAT'S IN A BOTTLE OF WATER?	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Science as Inquiry: develop understanding about	2
	scientific enquiry	

(BY ACTIVITY)		
Activity	Standard	Relation
WHAT'S IN A BOTTLE OF WATER?	Science in Personal and Social Perspectives:	2
	health Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	1
KEEP OUR COMMUNITY BEAUTIFUL!	Unifying Concepts and Processes: Evidence,	2
	Science as Inquiry: develop abilities necessary to do scientific inquiry	2
	Science as Inquiry: develop understanding about	1
	Science in Personal and Social Perspectives: develop understanding of personal and community health	2
	Science in Personal and Social Perspectives: develop understanding of natural resources	2
	Science in Personal and Social Perspectives: develop understanding of natural and human- induced hazards	2
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	2
RISK ASSESSMENT: HOW MUCH RISK ARE YOU WILLING TO TAKE?	(No correlation to this activity)	
INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR!	Unifying Concepts and Processes: Evidence, models, and explanation	2
	History and Nature of Science: develop understanding of science as a human endeavor	1
	Science as Inquiry: develop abilities necessary to do scientific inquiry	2
	Science as Inquiry: develop understanding about scientific enquiry	2
	Science in Personal and Social Perspectives: develop understanding of natural resources	3
	Science in Personal and Social Perspectives: develop understanding of environmental quality	2
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	1

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

(BY ACTIVITY)		
Activity	Standard	Relation
ENVIRONMENTAL	Unifying Concepts and Processes: Evidence,	2
	Science as Inquiry: develop abilities necessary to	1
	do scientific inquiry	
	Science as Inquiry: develop understanding about	1
	scientific enquiry	
	Science and Technology: develop	1
(CON'T)	understandings about science and technology	
	Science in Personal and Social Perspectives:	2
	develop understanding of personal and community health	
	Science in Personal and Social Perspectives:	3
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	3
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	3
	develop understanding of science and technology	
	in local, national, and global challenges	
THERE "OUGHTA" BE A LAW	Unifying Concepts and Processes: Systems,	1
	order, and organization	
	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	
	Science as inquiry: develop abilities necessary to	1
	Science as Inquiry: develop understanding about	1
	scientific enquiry	
	Science in Personal and Social Perspectives:	3
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
UNCLE SAM SAYS, "KEEP IT CLEAN!"	Unifying Concepts and Processes: Systems,	1
	order, and organization	
	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	
	do scientific inquiry: develop abilities necessary to	1

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

Activity	Standard	Relation
/ Clivity	Otandard	
	Science as Inquiry: develop understanding about scientific enquiry	1
	Science in Personal and Social Perspectives: develop understanding of natural resources	3
	Science in Personal and Social Perspectives: develop understanding of environmental quality	2
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	1

(BY	ACTIVITY)
	/

Activity	Standard	Relation
WATER CHEMISTRY CHECKUP	Unifying Concepts and Processes: Systems,	2
	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	0
	Unifying Concepts and Processes: Constancy,	2
	change, and measurement	2
	de seientifie inquiry: develop abilities necessary to	3
	Science as Inquiry: develop understanding about	2
	scientific enquiry	2
	Physical Science: develop an understanding of	2
	chemical reactions	_
	Earth and Space Science: develop understanding	1
	of geochemical cycles	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	3
	develop understanding of environmental quality	
HOW HARD IS WATER?	Unifving Concepts and Processes: Systems.	2
	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Unifying Concepts and Processes: Constancy,	2
	change, and measurement	
	Science as Inquiry: develop understanding about scientific enquiry	3
	Physical Science: develop an understanding of	2
	structure and properties of matter	
	Physical Science: develop an understanding of	2
	chemical reactions	
	Earth and Space Science: develop understanding	1
	of geochemical cycles	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	3
	develop understanding of environmental quality	
IS YOUR WATER WELL FOR	Unifying Concepts and Processes: Evidence,	2
DRINKING?	models, and explanation	
	History and Nature of Science: develop	2
	understanding of science as a human endeavor	
	Science as Inquiry: develop abilities necessary to do scientific inquiry	1

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

A otivity (Standard	Relation
Activity	Standard	Relation
	Physical Science: develop an understanding of	2
	structure and properties of matter	
	Earth and Space Science: develop understanding	1
	of energy in the earth	
	Earth and Space Science: develop understanding	2
	of geochemical cycles	
IS YOUR WATER WELL FOR	Science and Technology: develop	2
DRINKING? (CONT)	understandings about science and technology	
	Science in Personal and Social Perspectives:	1
	develop understanding of natural resources	
	Colonna in Dana and and Conial Dana activate	0
	Science in Personal and Social Perspectives:	2
	develop understanding of science and technology	
	in local, national, and global challenges	
		-
WATER WORKS	Unifying Concepts and Brocesses: Systems	2
WATER WORRS	order, and organization	2
	Unifying Concents and Processes: Evidence	2
	models and evolution	2
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	0
	Physical Science: develop an understanding of	1
	structure and properties of matter	•
	Physical Science: develop an understanding of	2
	chemical reactions	2
	Science and Technology: develop abilities of	1
	technological design	•
	Science and Technology: develop	3
	understandings about science and technology	0
CARBON TREATMENT FOR WATER	Unifying Concepts and Processes: Evidence	2
POLLUTION CONTROL	models and explanation	-
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	Ū.
	Science as Inquiry: develop understanding about	1
	scientific enquiry	
	Physical Science: develop an understanding of	2
	structure and properties of matter	
	Physical Science: develop an understanding of	3
	chemical reactions	-
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
CHLORINATION FOR DISINFECTION	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

	(BY ACTIVITY)	
Activity	Standard	Relation
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	
	Science as Inquiry: develop understanding about	1
	scientific enquiry	
	Physical Science: develop an understanding of	2
	structure and properties of matter	
	Physical Science: develop an understanding of	3
	chemical reactions	4
	Science in Personal and Social Perspectives:	1
(CONT)	develop understanding of personal and community	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural and human	2
	induced bazards	
	Science in Personal and Social Perspectives	1
	develop understanding of science and technology	
	in local, national, and global challenges	
	······································	
DRINKING WATER JEOPARDY	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	
	Physical Science: develop an understanding of	1
	structure and properties of matter	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	3
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	1
	develop understanding of natural and human-	
	induced hazards	
SOURCE WATER PROTECTION:	Unifying Concepts and Processes: Systems,	2
Surface Water Sources	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Science as inquiry: develop understanding about	2
	Scientific enquiry	4
	chemical reactions	Ĩ
	Earth and Shace Science: develop understanding	1
	Latin and space science. develop understanding	

of energy in the earth

Science and Technology: develop

understandings about science and technology

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

1-standard is part of focus activity

2

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Activity	Standard	Relation
	Science in Personal and Social Perspectives: develop understanding of personal and community health	1
	Science in Personal and Social Perspectives: develop understanding of natural resources	3
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	2

(BY ACTIVITY)		
Activity	Standard	Relation
	T	
SOURCE WATER PROTECTION:	Unifying Concepts and Processes: Systems,	2
Groundwater Sources	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Science as Inquiry: develop understanding about	1
	scientific enquiry	
	Earth and Space Science: develop understanding	1
	of energy in the earth	
	Science and Technology: develop abilities of	3
	technological design	
	Science and Technology: develop	2
	understandings about science and technology	
	Science in Personal and Social Perspectives:	3
	develop understanding of personal and community	
	health	
	Science in Personal and Social Perspectives:	3
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	_
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
HOW ARE DETECTION LIMITS SET	Unifying Concepts and Processes: Evidence,	2
FOR WATER POLLUTANTS?	models, and explanation	
	Unifying Concepts and Processes: Constancy,	2
	change, and measurement	
	Unifying Concepts and Processes: Evolution	1
	and equilibrium	
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	
	Physical Science: develop an understanding of	2
	motions and forces	
METAL POLLUTION REDUCTION	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	4
	unitying Concepts and Processes: Constancy,	1
	Change, and measurement	2
	de acientífic inquiny: develop abilities necessary to	3
	Developed Science: develop on understanding of	1
	rnysical Science: develop an understanding of	
	Bhysical Science: dovelop on understanding of	2
	chomical reactions	2
		1

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

Standard

	Physical Science: develop an understanding of
	interactions of energy and matter
METAL POLLUTION REDUCTION	Science and Technology: develop abilities of technological design
	Science in Personal and Social Perspectives: develop understanding of natural resources
	Science in Personal and Social Perspectives: develop understanding of environmental quality
	Science in Personal and Social Perspectives: develop understanding of natural and human- induced hazards
	develop understanding of science and technology in local, national, and global challenges
WHAT IS IN SOURCE WATER?	Unifying Concepts and Processes: Systems, order, and organization Unifying Concepts and Processes: Evidence,
	models and explanation

	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	2
WHAT IS IN SOURCE WATER?	Unifying Concepts and Processes: Systems, order, and organization	2
	Unifying Concepts and Processes: Evidence, models, and explanation	2
	Science as Inquiry: develop abilities necessary to do scientific inquiry	2
	Life Science: develop understanding of biological evolution	1
	Life Science: develop an understanding of interdependence of organisms	2
	Life Science: develop understanding of behavior of organisms	1
WASTEWATER TREATMENT	Unifying Concepts and Processes: Systems, order, and organization	2
	Unifying Concepts and Processes: Evidence, models, and explanation	2
	Science as Inquiry: develop abilities necessary to do scientific inquiry	3
	Science as Inquiry: develop understanding about scientific enquiry	2
	Physical Science: develop an understanding of chemical reactions	1
	Science and Technology: develop abilities of technological design	3
	Science and Technology: develop understandings about science and technology	1
	Science in Personal and Social Perspectives: develop understanding of environmental quality	3

RELATIONSHIP:

Activity

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

1-standard is part of focus activity

Relation

1

3

1

2

2

Activity	Standard	Relation
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	2

(BY ACTIVITY)

Activity	Standard	Relation
THE WORLD OF BIOLOGICAL	Unifying Concepts and Processes: Systems,	1
WASTEWATER TREATMENT	order, and organization	2
	Unitying Concepts and Processes: Evidence,	2
	Science as Inquiry: develop abilities necessary to	2
THE WORLD OF BIOLOGICAL WASTEWATER TREATMENT	do scientific inquiry	-
	Physical Science: develop an understanding of	2
	structure and properties of matter	
	Physical Science: develop an understanding of	2
	chemical reactions	
	Physical Science: develop an understanding of	1
	Interactions of energy and matter	2
	interdependence of organisms	2
	Life Science: develop understanding of matter,	1
	energy, and organization in living systems	
	Life Science: develop understanding of behavior	1
	of organisms	
	Science in Personal and Social Perspectives:	1
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives	2
	develop understanding of natural and human-	_
	induced hazards	
	Science in Personal and Social Perspectives:	2
	develop understanding of science and technology	
	in local, national, and global challenges	
HOME RECYCLING OF GRAYWATER	Unifving Concepts and Processes: Systems.	1
	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	1
	Science as inquiry: develop understanding about	1
	Physical Science: develop an understanding of	1
	chemical reactions	
	Life Science: develop an understanding of	1
	interdependence of organisms	
	Science and Technology: develop abilities of	3
	technological design	
	Science in Personal and Social Perspectives:	1
	develop understanding of personal and community	
	Inealth	

		Deletier
Activity	Standard	Relation
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
DO SEPTIC TANKS DO THE JOB?	Unifying Concepts and Processes: Systems,	2
	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	
	Physical Science: develop an understanding of	2
	chemical reactions	
	Physical Science: develop an understanding of	1
	motions and forces	0
	Physical Science: develop an understanding of	2
	Interactions of energy and matter	0
	Life Science: develop understanding of matter,	2
	Science and Technology: develop abilities of	з
	technological design	5
	Science in Personal and Social Perspectives:	1
	develop understanding of personal and community	•
	health	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	1
	develop understanding of natural and human-	'
	induced hazards	
	Science in Personal and Social Perspectives:	2
	develop understanding of science and technology	_
	in local, national, and global challenges	
L AND APPLICATIONS OF	Unifying Concepts and Processes: Systems	1
WASTEWATER SOLIDS	order and organization	•
	Unifying Concepts and Processes: Evidence.	1
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	3
	do scientific inquiry	-
	Science as Inquiry: develop understanding about	1
	scientific enquiry	
	Physical Science: develop an understanding of	1
	structure and properties of matter	
	Physical Science: develop an understanding of	1
	chemical reactions	
	Physical Science: develop an understanding of	1
	interactions of energy and matter	

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

(DV		
(Dĭ	ACTIVITY)	

Activity	Standard	Relation
	Life Science: develop understanding of matter, energy, and organization in living systems	1
	Earth and Space Science: develop understanding	1
	Science and Technology: develop abilities of technological design	2
LAND APPLICATIONS OF	Science and Technology: develop	1
WASTEWATER SOLIDS (CON'T)	understandings about science and technology Science in Personal and Social Perspectives: develop understanding of natural resources	1
	Science in Personal and Social Perspectives: develop understanding of environmental quality	2
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	1
STORM WATER: BEST MANAGEMENT PRACTICES AND POLILITION PREVENTION	Unifying Concepts and Processes: Systems, order, and organization	1
POLLUTION PREVENTION	Unifying Concepts and Processes: Evidence, models, and explanation	1
	Science as Inquiry: develop abilities necessary to	3
	Science as Inquiry: develop understanding about scientific enquiry	2
	Physical Science: develop an understanding of chemical reactions	2
	Physical Science: develop an understanding of motions and forces	1
	Physical Science: develop an understanding of interactions of energy and matter	1
	Life Science: develop understanding of matter, energy, and organization in living systems	1
	Earth and Space Science: develop understanding of geochemical cycles	1
	Science and Technology: develop abilities of technological design	3
	Science in Personal and Social Perspectives: develop understanding of personal and community health	1
	Science in Personal and Social Perspectives: develop understanding of natural resources	2

(BY	ACTIVITY)

Activity	Standard	Relation
	Science in Personal and Social Perspectives:	3
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural and human- induced hazards	
	Science in Personal and Social Perspectives:	2
	in local, national, and global challenges	

Activity	Standard	Relation
		_
CHAPTER 3- S	URFACE WATER RESOURCES	
BIOGRAPHY OF A RIVER	Unifying Concepts and Processes: Systems	1
	order and organization	•
	Unifying Concepts and Processes: Evidence.	1
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	1
	do scientific inquiry	
	Physical Science: develop an understanding of	2
	motions and forces	
	Physical Science: develop an understanding of	1
	interactions of energy and matter	
	Earth and Space Science: develop understanding	2
	of energy in the earth	
CATCH ME IF YOU CAN (TWO	Unifying Concepts and Processes: Systems,	1
WAYS TO MEASURE STREAM FLOW)	order, and organization	
	Unitying Concepts and Processes: Evidence,	2
	models, and explanation	4
	change and measurement	I
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	2
	Physical Science: develop an understanding of	2
	motions and forces	-
	Physical Science: develop an understanding of	2
	interactions of energy and matter	-
	Earth and Space Science: develop understanding	2
	of energy in the earth	
	Earth and Space Science: develop understanding	1
	of geochemical cycles	
HELP! LAKE OVERTURNING!	Unifying Concepts and Processes: Systems,	2
	order, and organization	
	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	_
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Unitying Concepts and Processes: Constancy,	1
	Ichange, and measurement	4
	and equilibrium	I
	Science as Inquiry: develop shilities necessary to	2
	do scientific inquiry	2
	Physical Science: develop an understanding of	2
	chemical reactions	<u> </u>
	Physical Science: develop an understanding of	2
	motions and forces	

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

HELP! LAKE OVERTURNING! (CONT) Physical Science: develop an understanding of conservation of energy and increase in disorder 1 HELP! LAKE OVERTURNING! (CONT) Physical Science: develop an understanding of interactions of energy and matter 1 Life Science: develop understanding of interactions of energy and matter 2 Life Science: develop understanding of energy in the earth 2 Earth and Space Science: develop understanding of geochemical cycles 1 THE AGING OF LAKES Unifying Concepts and Processes: Systems, order, and organization 2 Unifying Concepts and Processes: Constancy, change, and explanation 1 1 Unifying Concepts and Processes: Constancy, change, and measurement 2 2 Science as Inquiry: develop abilities necessary to do scientific inquiry 2 2 Physical Science: develop an understanding of interactions of energy and matter 2 2 Iffe Science: develop an understanding of interactions of energy and matter 2 2 BIODIVERSITY = WATER QUALITY Unifying Concepts and Processes: Systems, order, and organization in living systems 2 BIODIVERSITY = WATER QUALITY Unifying Concepts and Processes: Systems, order, and organization in living systems 2 BIODIVERSITY = WATER QUALITY Unifying Concepts and Processes: Ev	Activity	Standard	Relation
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interdependence of organismsLife Science: develop understanding of matter, energy, and organization in living systems2BIODIVERSITY = WATER QUALITYUnifying Concepts and Processes: Systems, order, and organization Unifying Concepts and Processes: Evidence, models, and explanation2Science as Inquiry: develop abilities necessary to do scientific inquiry Life Science: develop understanding of matter, energy, and organization in living systems Life Science: develop understanding of matter, energy, and organization in living systems Life Science: develop understanding of matter, energy, and organization in living systems Life Science: develop understanding of behavior2		Life Science: develop an understanding of	2
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BIODIVERSITY = WATER QUALITY Unifying Concepts and Processes: Systems, order, and organization 2 Unifying Concepts and Processes: Evidence, order, and organization 2 Unifying Concepts and Processes: Evidence, order, and explanation 2 Science as Inquiry: develop abilities necessary to do scientific inquiry 2 Life Science: develop understanding of matter, energy, and organization in living systems 2 Life Science: develop understanding of matter, energy, and organization in living systems 2 Life Science: develop understanding of matter, energy, and organization in living systems 2 Life Science: develop understanding of behavior 2		Life Science: develop understanding of matter,	2
BIODIVERSITY = WATER GOALITY Unifying Concepts and Processes: Systems, order, and organization 2 order, and organization Unifying Concepts and Processes: Evidence, and explanation 2 Models, and explanation Science as Inquiry: develop abilities necessary to do scientific inquiry 2 Life Science: develop understanding of matter, energy, and organization in living systems 2 Life Science: develop understanding of matter, energy, and organization in living systems 2 Life Science: develop understanding of behavior 2		lenergy, and organization in living systems	2
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models, and explanation2Science as Inquiry: develop abilities necessary to do scientific inquiry2Life Science: develop understanding of matter, energy, and organization in living systems2Life Science: develop understanding of matter, energy, and organization in living systems2Life Science: develop understanding of matter, energy, and organization in living systems2Life Science: develop understanding of behavior2		Unifying Concents and Processes: Evidence	2
Science as Inquiry: develop abilities necessary to do scientific inquiry2 do scientific inquiryLife Science: develop understanding of matter, energy, and organization in living systems2 energy, and organization in living systemsLife Science: develop understanding of matter, energy, and organization in living systems2 energy, and organization in living systemsLife Science: develop understanding of behavior2		models and explanation	2
do scientific inquiryLife Science: develop understanding of matter, energy, and organization in living systemsLife Science: develop understanding of matter, energy, and organization in living systemsLife Science: develop understanding of behavior2		Science as Inquiry: develop abilities necessary to	2
Life Science: develop understanding of matter, energy, and organization in living systems2Life Science: develop understanding of matter, energy, and organization in living systems2Life Science: develop understanding of behavior2		do scientific inquiry	
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Life Science:develop understanding of matter,2energy, and organization in living systems2Life Science:develop understanding of behavior2		energy, and organization in living systems	
energy, and organization in living systems Life Science: develop understanding of behavior 2		Life Science: develop understanding of matter,	2
Life Science: develop understanding of behavior 2		energy, and organization in living systems	
		Life Science: develop understanding of behavior	2
of organisms		of organisms	
FLOODS Unifying Concepts and Processes: Systems, 1	FLOODS	Unifying Concepts and Processes: Systems,	1
order, and organization		order, and organization	
Unifying Concepts and Processes: Evidence, 2		Unitying Concepts and Processes: Evidence,	2
models, and explanation		models, and explanation	
change and measurement		change and massurement	1

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

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	(B	Y	ACTI	VITY)

Activity	Standard	Relation
FLOODS (CON'T)	Science as Inquiry: develop abilities necessary to	1
	do scientific inquiry	
	Physical Science: develop an understanding of	2
	motions and forces	
	Physical Science: develop an understanding of	2
	Interactions of energy and matter	0
	ef operav in the parth	2
BEST MANAGEMENT PRACTICES	Unifying Concepts and Processes: Systems	1
FOR FORESTRY	order and organization	•
	Unifying Concepts and Processes: Evidence.	1
	models, and explanation	
	History and Nature of Science: develop	1
	understanding of science as a human endeavor	
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Science as Inquiry: develop understanding about	1
	scientific enquiry	
	Physical Science: develop an understanding of	1
	interactions of energy and matter	
	Life Science: develop understanding of matter,	2
	energy, and organization in living systems	
	Earth and Space Science: develop understanding	1
	Science and Technology: develop abilities of	2
	technological design	2
	Science and Technology: develop	1
	understandings about science and technology	•
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
	Unifying Concepts and Processory Systems	1
	order, and organization	I
	Unifying Concents and Processes: Evidence	2
	models and explanation	2
	Unifying Concepts and Processes: Constancy.	2
	change, and measurement	
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Life Science: develop understanding of behavior	2
	of organisms	

	(BY ACTIVITY)	
Activity	Standard	Relation
POLLUTANTS: HOW MUCH TOTAL	Unifying Concepts and Processes: Systems,	1
OR HOW MUCH PER UNIT OF WATER?	order, and organization	
	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	
	Unifying Concepts and Processes: Constancy,	2
	change, and measurement	
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	•
	Physical Science: develop an understanding of	2
	structure and properties of matter	2
	chemical reactions	2
ETHICAL DILEMMAS WHAT'S A BODY	(No correlation to this activity)	
TO DO?		
WHAT ARE FECAL COLIFORMS AND	Unifying Concepts and Processes: Systems,	1
HOW ARE THEY RELATED TO WATER QUALITY?	order, and organization	
	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Physical Science: develop an understanding of	1
	chemical reactions	4
	Life Science: develop an understanding of	1
	Life Science: develop understanding of matter	1
	energy and organization in living systems	1
	Life Science: develop understanding of behavior	2
	of organisms	_
	Science in Personal and Social Perspectives:	1
	develop understanding of personal and community	
	health	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural and human-	
	induced hazards	
TURBIDITY	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	~
	de scientific inquiry: develop abilities necessary to	2
1		

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

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Activity	Standard	Relation
TURBIDITY (CON'T)	Physical Science: develop an understanding of	1
	interactions of energy and matter	
	Earth and Space Science: develop understanding	1
	of geochemical cycles	
CLEAN CLOTHES - CLEAN	Unifying Concepts and Processes: Evidence,	1
ENVIRONMENT? PHOSPHATES	models, and explanation	
	Science in Personal and Social Perspectives:	1
	develop understanding of personal and community	
	health	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural and human-	
	induced hazards	
WHAT TURNED THE CREEK	Unifying Concepts and Processes: Evidence,	1
ORANGE?	models, and explanation	
	Science as Inquiry: develop abilities necessary to	1
	do scientific inquiry	
	Physical Science: develop an understanding of	2
	chemical reactions	
	Earth and Space Science: develop understanding	1
	of energy in the earth	
	Earth and Space Science: develop understanding	2
	of geochemical cycles	
THERMAL POLLUTION	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Unifying Concepts and Processes: Constancy,	2
	change, and measurement	
	Science as inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Physical Science: develop an understanding of	Î.
	motions and forces	
	Physical Science: develop an understanding of	1
	Conservation of energy and increase in disorder	
	interactions of operaty and metter	
	Farth and Space Science: develop understanding	2
	of energy in the earth	2
		L
	Unifying Concents and Processes: Constancy	2
SKOUNDWATER BASIC	change and measurement	2
	Physical Science: develop an understanding of	1
	interactions of energy and matter	I

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Activity	Standard	Relation
FROM GROUND TO WATER	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	
	Physical Science: develop an understanding of	1
	motions and forces	
	Physical Science: develop an understanding of	1
	conservation of energy and increase in disorder	
	Earth and Space Science: develop understanding	2
	of energy in the earth	
	Earth and Space Science: develop an	2
	understanding of origin and evolution of the	
	universe	
WHAT'S THE LEVEL?	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	
	Physical Science: develop an understanding of	1
	motions and forces	
	Physical Science: develop an understanding of	1
	conservation of energy and increase in disorder	
	Earth and Space Science: develop understanding	2
	of energy in the earth	
	Earth and Space Science: develop an	2
	understanding of origin and evolution of the	
	universe	
WHAT GOES ON DOWN UNDER?	Unifying Concepts and Processes: Evidence,	1
	models, and explanation	
	Unifying Concepts and Processes: Constancy,	1
	change, and measurement	
	Physical Science: develop an understanding of	1
	motions and forces	
	Physical Science: develop an understanding of	1
	conservation of energy and increase in disorder	
	Earth and Space Science: develop understanding	2
	of energy in the earth	
	Earth and Space Science: develop an	2
	understanding of origin and evolution of the	
	universe	
DO YOU DRINK IT?	Unifying Concepts and Processes: Systems,	2
	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	History and Nature of Science: develop	1
	understanding of science as a human endeavor	
	Science as Inquiry: develop abilities necessary to	1
	do scientific inquiry	
	Physical Science: develop an understanding of	2
	motions and forces	
	Physical Science: develop an understanding of	1
	interactions of energy and matter	

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

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Activity	Standard	Relation
DO YOU DRINK IT? (CON'T)	Earth and Space Science: develop understanding	1
	of energy in the earth	
	Science and Technology: develop abilities of	2
	technological design	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
HYDRAULIC HEAD	Unifying Concepts and Processes: Systems,	2
	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Unifying Concepts and Processes: Constancy,	2
	change, and measurement	
	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Physical Science: develop an understanding of	1
	conservation of energy and increase in disorder	
	Physical Science: develop an understanding of	1
	interactions of energy and matter	
	Earth and Space Science: develop understanding	2
	of energy in the earth	
	Earth and Space Science: develop understanding	2
	of geochemical cycles	
FLOW NETS	Unifying Concepts and Processes: Systems,	2
	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	3
	Bhysical Science: develop an understanding of	1
	conservation of operativity and increase in disorder	1
	Bhysical Science: develop an understanding of	1
	interactions of energy and matter	
	Farth and Snace Science: develop understanding	2
	of energy in the earth	2
	Farth and Snace Science: develop understanding	2
	of neochemical cycles	2
	Science and Technology: develop abilities of	2
	technological design	

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

		Polotion
Activity	Standard	Relation
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	In local, national, and global challenges	
GROUNDWATER: CLEANING UP	Unifying Concepts and Processes: Systems,	1
	order, and organization	
	History and Nature of Science: develop	1
	understanding of science as a human endeavor	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives	2
	develop understanding of natural and human-	2
	induced bazards	
WHAT IS GROUNDWATER	Unifying Concepts and Processes: Evidence.	1
POLLUTION DOING TO THE NEIGHBORHOOD?	models, and explanation	
	Science in Personal and Social Perspectives:	2
	develop understanding of personal and community	
	health	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural and human-	
	induced hazards	
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
RADON IN WATER	Unifying Concepts and Processes: Systems,	1
	order, and organization	
	Science as Inquiry: develop abilities necessary to	2
	ao scientific inquiry	_
	develop understanding of personal and community	2
	health	
	Science in Personal and Social Perspectives	2
	develop understanding of natural resources	_
(BY	ACTIVITY)	
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Activity	Standard	Relation
	Science in Personal and Social Perspectives:	3
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives: develop understanding of natural and human- induced hazards	3
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	1

(BY ACTIVITY)		
Activity	Standard	Relation
LANDFILLS AND THE POTENTIAL FOR GROUNDWATER CONTAMINATION	Unifying Concepts and Processes: Systems, order, and organization	2
	Unifying Concepts and Processes: Evidence, models, and explanation	2
	Physical Science: develop an understanding of chemical reactions	1
	Science in Personal and Social Perspectives: develop understanding of personal and community health	2
	Science in Personal and Social Perspectives: develop understanding of natural resources	2
	Science in Personal and Social Perspectives: develop understanding of environmental quality	3
	Science in Personal and Social Perspectives: develop understanding of natural and human- induced bazards	2
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	2
LEAKING UNDERGROUND STORAGE	Unifying Concepts and Processes: Evidence,	1
TANKS	models, and explanation Science as Inquiry: develop abilities necessary to do scientific inquiry	1
	Physical Science: develop an understanding of motions and forces	1
	Science and Technology: develop	2
	Science in Personal and Social Perspectives: develop understanding of personal and community health	2
	Science in Personal and Social Perspectives: develop understanding of natural resources	2
	Science in Personal and Social Perspectives: develop understanding of environmental quality	2
	Science in Personal and Social Perspectives: develop understanding of natural and human- induced hazards	2
	Science in Personal and Social Perspectives: develop understanding of science and technology in local, national, and global challenges	1

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

1-standard is part of focus activity

		Dalation
Activity	Standard	Relation
CHAPTER 5- WE	FLANDS AND COASTAL WATERS	
AN ALTERNATIVE TO THE "WHAT I	(No correlation to this activity)	
DID ON SUMMER VACATION-"WHAT I		
CAN DO ON SUMMER VACATION"		
UNDERSTANDING MARINE	Unifying Concepts and Processes: Systems	1
RESOURCES	order and organization	•
	Life Science: develop understanding of matter	1
	energy and organization in living systems	•
	Solonoo in Personal and Social Personatives	2
	develop understanding of natural recourses.	2
	develop understanding of natural resources	
	Calence in Devenuel and Casial Devenuetives	2
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
		0
RIVER INPUT INTO THE GULF OF	Unitying Concepts and Processes: Systems,	2
MEXICO	order, and organization	
	Unitying Concepts and Processes: Evidence,	1
	models, and explanation	
	Science as Inquiry: develop abilities necessary to	1
	do scientific inquiry	
	Life Science: develop understanding of matter,	1
	energy, and organization in living systems	
	Earth and Space Science: develop understanding	1
	of energy in the earth	
	Science in Personal and Social Perspectives:	1
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
WETLANDS, USA - MORE THAN	Unifying Concepts and Processes: Systems,	2
SWAMPS!	order, and organization	
	Unifying Concepts and Processes: Evidence.	2
	models and explanation	
	Science as Inguiry: develop abilities necessary to	1
	do scientific inquiry	
	I ife Science: develop an understanding of	2
	interdependence of organisms	-
	I ife Science: develop understanding of matter	2
	energy and organization in living systems	2
	(No correlation to this activity)	
	Unifying Concents and Processes Systems	1
JEA WANGIN DIVERGIT	order and organization	1
1	order, and organization	I

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

1-standard is part of focus activity

		Deletion
Activity	Standard	Relation
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Life Science: develop an understanding of the cell	1
SEA MARGIN DIVERSITY (CON'T)	Life Science: develop an understanding of	2
	interdependence of organisms	
	Life Science: develop understanding of matter,	2
	energy, and organization in living systems	
ESTUARIES: INTERFACE BETWEEN	Unitying Concepts and Processes: Systems,	1
SEA AND LAND	order, and organization	0
	Unitying Concepts and Processes: Evidence,	2
	models, and explanation	
	Science as inquiry: develop abilities necessary to	1
	ao scientific inquiry	2
	Life Science: develop an understanding of	2
	Life Science, develop understanding of matter	1
	cherce, develop understanding of matter,	
	Life Science: develop understanding of behavior	1
	of organisms	1
	Farth and Space Science: develop understanding	1
	of energy in the earth	1
FROSION KILL THE HABITATS THAT	Unifying Concepts and Processes: Systems	1
FEED YOU!	order and organization	
	Unifying Concepts and Processes: Evidence	2
	models, and explanation	_
	Unifying Concepts and Processes: Constancy,	1
	change, and measurement	
	Science as Inquiry: develop abilities necessary to	1
	do scientific inquiry	
	Physical Science: develop an understanding of	2
	motions and forces	
	Physical Science: develop an understanding of	1
	conservation of energy and increase in disorder	
	Earth and Space Science: develop understanding	2
	of energy in the earth	
	Earth and Space Science: develop understanding	1
	of geochemical cycles	
	Science in Personal and Social Perspectives:	1
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	2
	develop understanding of environmental quality	
		1

(BY ACTIVITY)	
Standard	

		4
	Science in Personal and Social Perspectives:	1
	develop understanding of science and technology	
	in local, national, and global challenges	
OIL SPILLS	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Unifying Concepts and Processes: Constancy,	1
	change, and measurement	
	History and Nature of Science: develop	1
	understanding of science as a human endeavor	
OIL SPILLS (CON'T)	Science as Inquiry: develop abilities necessary to	2
	do scientific inquiry	
	Science as Inquiry: develop understanding about	1
	scientific enquiry	
	Physical Science: develop an understanding of	1
	structure and properties of matter	
	Physical Science: develop an understanding of	2
	chemical reactions	
	Physical Science: develop an understanding of	1
	interactions of energy and matter	
	Science and Technology: develop abilities of	3
	technological design	
	Science and Technology: develop	2
	understandings about science and technology	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural resources	
	Science in Personal and Social Perspectives:	3
	develop understanding of environmental quality	
	Science in Personal and Social Perspectives:	2
	develop understanding of natural and human-	
	induced hazards	
	Science in Personal and Social Perspectives:	2
	develop understanding of science and technology	
	in local, national, and global challenges	
IMPACT GOVERNMENTAL	(No correlation to this activity)	
REGULATIONS ON MARINE DEBRIS -		
WRITE A LETTER!		
"HOW WATER PROCESSES MOVE	Unifying Concepts and Processes: Systems,	2
SAND"	order, and organization	
	Unifying Concepts and Processes: Evidence,	2
	models, and explanation	
	Physical Science: develop an understanding of	2
	motions and forces	

RELATIONSHIP:

3-standard main focus of activity, direct relation to standard

2-standard supported or addressed in activity

1-standard is part of focus activity

Activity

Relation

Activity	Standard	Relation
	Physical Science: develop an understanding of	2
	interactions of energy and matter	
	Earth and Space Science: develop understanding	2
	of energy in the earth	
SWEPT AWAY OR WHERE WILL	(No correlation to this activity)	
YOU BE WHEN THE WATER COMES?		

Standard	Activity	Relation
Unifying Concepts and Processes:	CHAPTER 1- INTRODUCTION TO	
Systems, order, and organization	WATER	
	THE HYDROLOGIC (WATER) CYCLE	3
		2
	A CLOBAL VIEW OF THE WET	1
		1
		2
	COLD	2
	WATER YOU DOING ABOUT THIS?	2
	THERE "OUGHTA" BE A LAW	1
	UNCLE SAM SAYS, "KEEP IT	1
	CLEAN!"	
	WATER CHEMISTRY CHECKUP	2
	HOW HARD IS WATER?	2
	CHAPTER 2-DRINKING WATER AND	
	WASTEWATER TREATMENT	
	WATER WORKS	2
	SOURCE WATER PROTECTION:	2
	Surface Water Sources	
	SOURCE WATER PROTECTION:	2
	Groundwater Sources	
	WHAT IS IN SOURCE WATER?	2
	WASTEWATER TREATMENT	2
	THE WORLD OF BIOLOGICAL	1
	WASTEWATER TREATMENT	
	HOME RECYCLING OF GRAYWATER	1
	DO SEPTIC TANKS DO THE JOB?	2
	LAND APPLICATIONS OF	1
	WASTEWATER SOLIDS	
	STORM WATER: BEST	1
	MANAGEMENT PRACTICES AND	
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	BIOGRAPHY OF A RIVER	1
	CATCH ME IF YOU CAN (TWO	1
	WAYS TO MEASURE STREAM	
	HELP! LAKE OVERTURNING!	2
		2
	BIODIVERSITY = WATER QUALITY	2
	FLOODS	1

Standard	Activity	Relation
Unifying Concepts and Processes:	BEST MANAGEMENT PRACTICES	1
Systems, order, and organization (con't)	FOR FORESTRY	
	SIMPLE TEST FOR MICROBIAL	1
	CONTAMINATION	
	POLLUTANTS: HOW MUCH TOTAL	1
	OR HOW MUCH PER UNIT OF	
	WATER?	
	WHAT ARE FECAL COLIFORMS AND	1
	HOW ARE THEY RELATED TO	
	WATER QUALITY?	
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	DO YOU DRINK IT?	2
	HYDRAULIC HEAD	2
	FLOW NETS	2
	GROUNDWATER: CLEANING UP	1
	RADON IN WATER	1
	LANDFILLS AND THE POTENTIAL	2
	FOR GROUNDWATER	
	CONTAMINATION	
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	UNDERSTANDING MARINE	1
	RESOURCES	
	RIVER INPUT INTO THE GULF OF	2
	MEXICO	
	WETLANDS, USA - MORE THAN	2
	SWAMPS!	
	SEA MARGIN DIVERSITY	1
	ESTUARIES: INTERFACE BETWEEN	1
	SEA AND LAND	
	EROSION KILL THE HABITATS THAT	1
	FEED YOU!	
	"HOW WATER PROCESSES MOVE	2
	SAND"	
Unifying Concepts and Processes:	CHAPTER 1- INTRODUCTION TO	
Evidence, models, and explanation	WATER	
	THE HYDROLOGIC (WATER) CYCLE	3
	· · ·	
	SURVEYING THE PROPERTIES OF	2
	WATER	
	CLEARLY H ₂ O	3
	WATER WATER EVERYWHERE	2
	A GLOBAL VIEW OF THE WET	1
	FARTH	
	WATER WHIZ - A BOARD GAME	2
	WATER MORE PRICELESS THAN	2
	GOLD	-
Unifying Concents and Processes	WATER YOU DOING ABOUT THIS?	2
Evidence models and evolution (cont)		_
1	1	1

Standard	Activity	Relation
	ENVIRONMENTAL CONTROVERSY:	2
	CLASS PROJECT	
		2
	QUALITY"	2
	WHAT'S IN A BOTTLE OF WATER?	1
	KEEP OUR COMMUNITY	2
	BEAUTIFUL!	
	INTERNATIONAL WATER DISPUTES:	2
	YOU BE THE NEGOTIATOR!	
	ENVIRONMENTAL	2
	INFRASTRUCTURE FINANCING	
	THERE "OUGHTA" BE A LAW	1
	UNCLE SAM SAYS, "KEEP IT	1
	CLEAN!"	
	WATER CHEMISTRY CHECKUP	2
	HOW HARD IS WATER?	2
	IS YOUR WATER WELL FOR	2
	DRINKING?	
	CHAPTER 2- DRINKING WATER AND	
	WATER WORKS	2
	CARBON TREATMENT FOR WATER	2
	POLLUTION CONTROL	
	CHLORINATION FOR DISINFECTION	2
	DRINKING WATER JEOPARDY	1
	SOURCE WATER PROTECTION:	2
	Surface Water Sources	
	SOURCE WATER PROTECTION:	2
	Groundwater Sources	
	HOW ARE DETECTION LIMITS SET	2
	FOR WATER POLLUTANTS?	
	METAL POLLUTION REDUCTION	2
	WHAT IS IN SOURCE WATER?	2
	WASTEWATER TREATMENT	2
	THE WORLD OF BIOLOGICAL	2
	HOME RECYCLING OF GRAYWATER	2
	DO SEPTIC TANKS DO THE JOB?	2
	LAND APPLICATIONS OF	1
	WASTEWATER SOLIDS	
	STORM WATER: BEST	1
	MANAGEMENT PRACTICES AND	
	POLLUTION PREVENTION	

Standard	Activity	Relation
Unifying Concepts and Processes:	CHAPTER 3- SURFACE WATER	
Evidence, models, and explanation (con't)	RESOURCES	
	BIOGRAPHY OF A RIVER	1
	CATCH ME IF YOU CAN (TWO	2
	WAYS TO MEASURE STREAM	
	FLOW)	
	HELP! LAKE OVERTURNING!	1
	HELP! LAKE OVER I URNING!	2
	THE AGING OF LAKES	1
	BIODIVERSITY = WATER QUALITY	2
	FLOODS	2
	BEST MANAGEMENT PRACTICES	1
	FOR FORESTRY	•
	SIMPLE TEST FOR MICROBIAL	2
	CONTAMINATION	_
	POLLUTANTS: HOW MUCH TOTAL	1
	OR HOW MUCH PER UNIT OF	
	WATER?	
	WHAT ARE FECAL COLIFORMS AND	1
	HOW ARE THEY RELATED TO	
	WATER QUALITY?	
	TURBIDITY	1
	CLEAN CLOTHES - CLEAN	1
	ENVIRONMENT? PHOSPHATES	
	WHAT TURNED THE CREEK	1
	ORANGE?	
	THERMAL POLLUTION	2
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	FROM GROUND TO WATER	1
	WHAT'S THE LEVEL?	1
	WHAT GOES ON DOWN UNDER?	1
	DO YOU DRINK IT?	2
		2
		2
		I
		2
		2
		1
	STORAGE TANKS	
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	RIVER INPUT INTO THE GULF OF	1
	MEXICO	

Standard	Activity	Relation
Unifying Concepts and Processes:	WETLANDS, USA - MORE THAN	2
Evidence, models, and explanation (con't)	SWAMPS!	
	SEA MARGIN DIVERSITY	2
	ESTUARIES: INTERFACE BETWEEN	2
	SEA AND LAND	
	EROSION KILL THE HABITATS THAT	2
	FEED YOU!	
	OIL SPILLS	2
	"HOW WATER PROCESSES MOVE	2
	SAND"	_
Unifying Concepts and Processes:	CHAPTER 1- INTRODUCTION TO	
Constancy change and measurement	WATER	
Constancy, change, and measurement		2
		2
		2
		2
		2
	CLEARLY H ₂ O	2
	WATER, WATER EVERYWHERE	1
	ENVIRONMENTAL CONTROVERSY:	1
	CLASS PROJECT	
	"pH - THE FIRST CLUE TO WATER	2
	QUALITY"	
	WATER CHEMISTRY CHECKUP	2
	HOW HARD IS WATER?	2
	CHAPTER 2- DRINKING WATER AND	
	WASTEWATER TREATMENT	
	HOW ARE DETECTION LIMITS SET	2
	FOR WATER POLI UTANTS?	_
	METAL POLITION REDUCTION	1
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
		1
		I
		4
	HELP! LAKE OVER I URINING!	
	THE AGING OF LAKES	
	FLOODS	1
	SIMPLE TEST FOR MICROBIAL	2
	CONTAMINATION	
	POLLUTANTS: HOW MUCH TOTAL	2
	OR HOW MUCH PER UNIT OF	
	WATER?	
	THERMAL POLLUTION	2
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	GROUNDWATER BASIC	2
	WHAT GOES ON DOWN UNDER?	1
	HYDRAULIC HEAD	2

Standard	Activity	Relation
Unifying Concepts and Processes:	CHAPTER 5- WETLANDS AND	
Constancy, change, and measurement	COASTAL WATERS	
(con't)		
	EROSION KILL THE HABITATS THAT	1
	FEED YOU!	
Unifician Concento en el Dressonos	OIL SPILLS	1
Unitying Concepts and Processes:	CHAPTER 2- DRINKING WATER AND	
	HOW ARE DETECTION LIMITS SET	1
	FOR WATER POLITIANTS?	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	HELP! LAKE OVERTURNING!	1
Science as Inquiry: develop abilities	CHAPTER 1- INTRODUCTION TO	
necessary to do scientific inquiry	WATER	
	THE HYDROLOGIC (WATER) CYCLE	3
	SURVEYING THE PROPERTIES OF	3
	WATER	
	WATER WHIZ - A BOARD GAME	1
	CHAPTER 2- DRINKING WATER AND	
		0
	SOURCE WATER PROTECTION:	3
	Surface water Sources	2
		3
	DESCURCES	
		2
History and Nature of Science: develop	CHAPTER 1- INTRODUCTION TO	<u> </u>
understanding of science as a human	WATER	
endeavor		
	WATER CAREERS	2
	ENVIRONMENTAL CONTROVERSY:	1
	CLASS PROJECT	
	INTERNATIONAL WATER DISPUTES:	1
	YOU BE THE NEGOTIATOR!	
	IS YOUR WATER WELL FOR	2
	CHAPTER 3- SURFACE WATER	
	RESURCES BEST MANAGEMENT PRACTICES	1
	FOR FORESTRY	
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	DO YOU DRINK IT?	1
	GROUNDWATER: CLEANING UP	1
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	OIL SPILLS	1

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Standard	Activity	Relation
History and Nature of Science: develop	CHAPTER 1- INTRODUCTION TO	
understanding of nature of science	WATER	
		1
History and Nature of Science: develop	CHAPTER 1- INTRODUCTION TO	1
understanding of history of science	WATER	
	HOW WOULD WE SAY IT WITHOUT	1
	WATER?	
Colones es la muima de volos obliticos	WATER CAREERS	1
science as inquiry: develop abilities	CHAPTER T-INTRODUCTION TO	
necessary to do scientific inquiry	THE HYDROLOGIC (WATER) CYCLE	2
		_
	CLEARLY H₂O	3
	A GLOBAL VIEW OF THE WET	1
	EARTH	
	WATER: MORE PRICELESS THAN	2
		2
	WATER YOU DOING ABOUT THIS?	2
	"pH - THE FIRST CLUE TO WATER	3
	QUALITY"	Ŭ
	WHAT'S IN A BOTTLE OF WATER?	2
	KEEP OUR COMMUNITY	2
	BEAUTIFUL!	2
		2
	TOO BE THE NEGOTIATOR!	
	ENVIRONMENTAL	1
	INFRASTRUCTURE FINANCING	
	THERE "OUGHTA" BE A LAW	1
	UNCLE SAM SAYS, "KEEP IT	1
	CLEAN!"	2
	HOW HARD IS WATER?	3
	IS YOUR WATER WELL FOR	1
	DRINKING?	
	CHAPTER 2- DRINKING WATER AND	
	WASTEWATER TREATMENT	
	CARBON TREATMENT FOR WATER	3
		2
	CHEORINATION FOR DISINFECTION	3
	SOURCE WATER PROTECTION:	2
	Surface Water Sources	
	SOURCE WATER PROTECTION:	2
	Groundwater Sources	
	HOW ARE DETECTION LIMITS SET	3
	METAL POLLUTION PEDUCTION	2
		5

RELATIONSHIP: 3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity 1-standard is part of focus activity

Standard	Activity	Relation
Science as Inquiry: develop abilities	WHAT IS IN SOURCE WATER?	2
necessary to do scientific inquiry (con't)		
	WASTEWATER TREATMENT	3
	THE WORLD OF BIOLOGICAL	2
	WASTEWATER TREATMENT	
	HOME RECYCLING OF GRAYWATER	3
	DO SEPTIC TANKS DO THE JOB?	3
	LAND APPLICATIONS OF	3
	WASTEWATER SOLIDS	_
	STORM WATER: BEST	3
	MANAGEMENT PRACTICES AND	
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
		1
	CATCH ME IF YOU CAN (TWO	2
	ELOW	
		2
		2
	BIODIVERSITY = WATER QUALITY	2
	FLOODS	1
	BEST MANAGEMENT PRACTICES	2
	FOR FORESTRY	-
	SIMPLE TEST FOR MICROBIAL	2
	CONTAMINATION	_
	POLLUTANTS: HOW MUCH TOTAL	2
	OR HOW MUCH PER UNIT OF	
	WATER?	
	WHAT ARE FECAL COLIFORMS AND	2
	HOW ARE THEY RELATED TO	
	WATER QUALITY?	
	TURBIDITY	2
	WHAT TURNED THE CREEK	1
	ORANGE?	
	THERMAL POLLUTION	2
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	DO YOU DRINK IT?	1
	HYDRAULIC HEAD	2
	FLOW NETS	3
	RADON IN WATER	2
	LEAKING UNDERGROUND	1
	ISTORAGE TANKS	

Standard	Activity	Relation
Science as Inquiry: develop abilities	CHAPTER 5- WETLANDS AND	
necessary to do scientific inquiry (con't)	COASTAL WATERS	
	RIVER INPUT INTO THE GULF OF MEXICO	1
	WETLANDS, USA - MORE THAN SWAMPS!	1
	ESTUARIES: INTERFACE BETWEEN SEA AND LAND	1
	EROSION KILL THE HABITATS THAT FEED YOU!	1
	OIL SPILLS	2
Science as Inquiry: develop	CHAPTER 1- INTRODUCTION TO	
understanding about scientific enquiry	WATER WATER: MORE PRICELESS THAN	2
	GOLD WATER YOU DOING ABOUT THIS?	1
	WHAT'S IN A BOTTLE OF WATER?	2
		1
	INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR!	2
	ENVIRONMENTAL	1
		1
	UNCLE SAM SAYS, "KEEP IT CLEAN!"	1
	WATER CHEMISTRY CHECKUP	2
	CHAPTER 2- DRINKING WATER AND	
	WASTEWATER TREATMENT CARBON TREATMENT FOR WATER	1
	POLLUTION CONTROL CHLORINATION FOR DISINFECTION	1
	SOURCE WATER PROTECTION:	2
	Source Water Sources SOURCE WATER PROTECTION:	1
	WASTEWATER TREATMENT	2
	HOME RECYCLING OF GRAYWATER	1
	LAND APPLICATIONS OF	1
	STORM WATER: BEST MANAGEMENT PRACTICES AND POLLUTION PREVENTION	2

Standard	Activity	Relation
Science as Inquiry: develop	CHAPTER 3- SURFACE WATER	
understanding about scientific enquiry	RESOURCES	
(con't)		
	BEST MANAGEMENT PRACTICES	1
	FOR FORESTRY	
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
		1
Physical Science: develop an	CHAPTER 1- INTRODUCTION TO	
Inderstanding of structure and properties	WATER	
or matter		2
	WATER	3
		2
		2
		2
	DRINKING2	2
	CHAPTER 2- DRINKING WATER AND	
	WASTEWATER TREATMENT	
	WATER WORKS	1
	CARBON TREATMENT FOR WATER	2
	POLLUTION CONTROL	
	CHLORINATION FOR DISINFECTION	2
	DRINKING WATER JEOPARDY	1
	METAL POLLUTION REDUCTION	1
	THE WORLD OF BIOLOGICAL	2
		1
	CHADTER 2 SUBFACE WATER	
	DESOUDCES	
		1
	POLLUTANTS: HOW MUCH TOTAL	2
	OR HOW MUCH PER UNIT OF	_
	WATER?	
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	OIL SPILLS	1
Physical Science: develop an	CHAPTER 1- INTRODUCTION TO	
understanding of chemical reactions	WATER	
	SURVEYING THE PROPERTIES OF	2
	WATER	
	CLEARLY H ₂ O	2
	"PH - THE FIRST CLUE TO WATER	3
	QUALITY"	
		2
	INOW HARD IS WATER?	2

Standard	Activity	Relation
Physical Science: develop an	CHAPTER 2- DRINKING WATER AND	
understanding of chemical reactions	WASTEWATER TREATMENT	
	WATER WORKS	2
	CARBON TREATMENT FOR WATER	3
	POLLUTION CONTROL	
	CHLORINATION FOR DISINFECTION	3
	SOURCE WATER PROTECTION:	1
	Surface Water Sources	
	METAL POLLUTION REDUCTION	2
	WASTEWATER TREATMENT	1
	THE WORLD OF BIOLOGICAL	2
	WASTEWATER TREATMENT	
	HOME RECYCLING OF GRAYWATER	1
	DO SEPTIC TANKS DO THE JOB?	2
	LAND APPLICATIONS OF	1
	WASTEWATER SOLIDS	
	STORM WATER: BEST	2
	MANAGEMENT PRACTICES AND	
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	HELP! LAKE OVERTURNING!	2
	THE AGING OF LAKES	2
	POLLUTANTS: HOW MUCH TOTAL	2
	OR HOW MUCH PER UNIT OF	
	WATER?	
	WHAT ARE FECAL COLIFORMS AND	1
	HOW ARE THEY RELATED TO	
	WATER QUALITY?	
	WHAT TURNED THE CREEK	2
	ORANGE?	
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	LANDFILLS AND THE POTENTIAL	1
	FOR GROUNDWATER	
	CONTAMINATION	
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	OIL SPILLS	2
Physical Science: develop an	CHAPTER 2- DRINKING WATER AND	
understanding of motions and forces	WASTEWATER TREATMENT	
	HOW ARE DETECTION LIMITS SET	2
	FOR WATER POLLUTANTS?	
	DO SEPTIC TANKS DO THE JOB?	1
	STORM WATER: BEST	1
	MANAGEMENT PRACTICES AND	
	POLLUTION PREVENTION	

Standard	Activity	Relation
Physical Science: develop an	CHAPTER 3- SURFACE WATER	
understanding of motions and forces	RESOURCES	
	BIOGRAPHY OF A RIVER	2
	CATCH ME IF YOU CAN (TWO	2
	WAYS TO MEASURE STREAM	
	HELP! LAKE OVER I URNING!	2
		2
		1
		1
		1
	DESCUDICES	
	WHAT GOES ON DOWN LINDER?	1
	DO YOU DRINK IT?	2
		1
	STORAGE TANKS	
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	EROSION KILL THE HABITATS THAT	2
	FEED YOU!	
	"HOW WATER PROCESSES MOVE	2
	SAND"	
Physical Science: develop an	CHAPTER 1- INTRODUCTION TO	
understanding of conservation of energy	WATER	
and increase in disorder		
	THE HYDROLOGIC (WATER) CYCLE	1
		0
	"PH - THE FIRST CLUE TO WATER	3
	DESCURCES	
		1
		1
	CHAPTER 4- GROUNDWATER	•
	RESOURCES	
	FROM GROUND TO WATER	1
	WHAT'S THE LEVEL?	1
	WHAT GOES ON DOWN UNDER?	1
	HYDRAULIC HEAD	1
	FLOW NETS	1
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	EROSION KILL THE HABITATS THAT	1
	FEED YOU!	
Physical Science: develop an	CHAPTER 1- INTRODUCTION TO	
understanding of interactions of energy	WATER	
anu matter		1
	CLEARLY H ₂ O	1

Standard	Activity	Relation
Physical Science: develop an	CHAPTER 2- DRINKING WATER AND	
understanding of interactions of energy	WASTEWATER TREATMENT	
and matter		
	METAL POLLUTION REDUCTION	1
	THE WORLD OF BIOLOGICAL	1
		0
	DO SEPTIC TANKS DO THE JOB?	2
		1
	STORM WATER SOLIDS	1
	MANAGEMENT PRACTICES AND	1
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	BIOGRAPHY OF A RIVER	1
	CATCH ME IF YOU CAN (TWO	2
	WAYS TO MEASURE STREAM	
	FLOW)	
	HELP! LAKE OVERTURNING!	2
	THE AGING OF LAKES	1
	FLOODS	2
	BEST MANAGEMENT PRACTICES	1
	FOR FORESTRY	
		1
		1
	CHAPTER 4- GROUNDWATER	
	RESOURCES GROUNDWATER BASIC	1
		1
	HYDRAULIC HEAD	1
	FLOW NETS	1
	CHAPTER 5- WETLANDS AND	-
	COASTAL WATERS	
	OIL SPILLS	1
	"HOW WATER PROCESSES MOVE	2
	SAND"	
Life Science: develop understanding of	CHAPTER 2- DRINKING WATER AND	
biological evolution		
	WHAT IS IN SOURCE WATER?	1
Life Science: develop an understanding	CHAPTER 2- DRINKING WATER AND	
or interdependence of organisms	WASTEWATER TREATMENT	
	WHAT IS IN SOURCE WATER?	2
		2
	WASTEWATER TREATMENT	2
	HOME RECYCLING OF GRAYWATER	1

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Standard	Activity	Relation
Life Science: develop an understanding	CHAPTER 3- SURFACE WATER	
of interdependence of organisms	RESOURCES	
	THE AGING OF LAKES	2
	WHAT ARE FECAL COLIFORMS AND	1
	HOW ARE THEY RELATED TO	
	WATER QUALITY?	
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	WETLANDS, USA - MORE THAN	2
	SWAMPS!	
	SEA MARGIN DIVERSITY	2
	ESTUARIES: INTERFACE BETWEEN	2
	SEA AND LAND	
Life Science: develop understanding of	CHAPTER 1- INTRODUCTION TO	
matter, energy, and organization in living	WATER	
systems		
	THE HYDROLOGIC (WATER) CYCLE	3
	SURVEYING THE PROPERTIES OF	2
	WATER	
	CHAPTER 2- DRINKING WATER AND	
	WASTEWATER TREATMENT	
	THE WORLD OF BIOLOGICAL	1
	WASTEWATER TREATMENT	
	DO SEPTIC TANKS DO THE JOB?	2
	LAND APPLICATIONS OF	1
	WASTEWATER SOLIDS	
	STORM WATER: BEST	1
	MANAGEMENT PRACTICES AND	
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
		0
	HELP! LAKE OVER TURNING!	2
		2
	BIODIVERSITY = WATER QUALITY	2
		2
	EOD EODESTRY	2
		4
		I
	WATER OHALITY2	
	RESOURCES	
	UNDERSTANDING MARINE	1
	RESOURCES	
		1
	MEXICO	
	WETLANDS USA - MORE THAN	2
	SWAMPSI	2
	SEA MARGIN DIVERSITY	2
	ESTUARIES INTERFACE BETWEEN	1
	SEA AND LAND	

RELATIONSHIP: 3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity 1-standard is part of focus activity

Standard	Activity	Relation
Life Science: develop understanding of	CHAPTER 2- DRINKING WATER AND	
behavior of organisms	WASTEWATER TREATMENT	
	WHAT IS IN SOURCE WATER?	1
	THE WORLD OF BIOLOGICAL	1
	WASTEWATER TREATMENT	
	BIODIVERSITY = WATER QUALITY	2
		2
		0
	WHAT ARE FECAL COLIFORMS AND	2
	HOW ARE THEY RELATED TO	
	COASTAL WATERS	
		1
	SEA AND LAND	I
Farth and Space Science: develop	CHAPTER 1- INTRODUCTION TO	
understanding of energy in the earth	WATER	
	THE HYDROLOGIC (WATER) CYCLE	1
	A GLOBAL VIEW OF THE WET	1
	EARTH	
	IS YOUR WATER WELL FOR	1
	DRINKING?	
	CHAPTER 2- DRINKING WATER AND	
	WASTEWATER TREATMENT	
	SOURCE WATER PROTECTION:	1
	Surface Water Sources	
	SOURCE WATER PROTECTION:	1
	Groundwater Sources	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	BIOGRAPHY OF A RIVER	2
	CATCH ME IF YOU CAN (TWO	2
	WAYS TO MEASURE STREAM	
	HELP! LAKE OVER TURNING!	1
	PEST MANACEMENT DRACTICES	2
	EOD EODESTRY	I
	WHAT TURNED THE CREEK	1
	ORANGE?	1
		2
	CHAPTER 4- GROUNDWATER	~
	RESOURCES	
	FROM GROUND TO WATER	2
	WHAT'S THE LEVEL?	2
	WHAT GOES ON DOWN UNDER?	2
	DO YOU DRINK IT?	1
	HYDRAULIC HEAD	2
	FLOW NETS	2

Standard	Activity	Relation
Earth and Space Science: develop	CHAPTER 5- WETLANDS AND	
understanding of energy in the earth	COASTAL WATERS	
(con't)		
	RIVER INPUT INTO THE GULF OF	1
	ESTUARIES: INTERFACE BETWEEN	1
	SEA AND LAND	1
	EROSION KILL THE HABITATS THAT	2
	FEED YOU!	_
	"HOW WATER PROCESSES MOVE	2
	SAND"	
	THE HYDROLOGIC (WATER) CYCLE	2
Earth and Space Science: develop an	CHAPTER 1- INTRODUCTION TO	
understanding of geochemical cycles	WATER	
	WATER, WATER EVERYWHERE	
	A GLOBAL VIEW OF THE WET	1
		2
	OUALITY"	2
		1
	HOW HARD IS WATER?	1
	IS YOUR WATER WELL FOR	2
	DRINKING?	_
	CHAPTER 2- DRINKING WATER AND	
	WASTEWATER TREATMENT	
	LAND APPLICATIONS OF	1
	WASTEWATER SOLIDS	
	STORM WATER: BEST	1
	MANAGEMENT PRACTICES AND	
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	CATCH ME IF YOU CAN (TWO	1
		1
		1
	WHAT TURNED THE CREEK	2
	ORANGE?	-
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	HYDRAULIC HEAD	2
	FLOW NETS	2
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	EROSION KILL THE HABITATS THAT	1
	FEED YOU!	

Standard	Activity	Relation
Earth and Space Science: develop an	CHAPTER 4- GROUNDWATER	
understanding of origin and evolution of	RESOURCES	
the universe		
	FROM GROUND TO WATER	2
	WHAT'S THE LEVEL?	2
	WHAT GOES ON DOWN UNDER?	2
Science and Technology: develop	CHAPTER 1- INTRODUCTION TO	
abilities of technological design	WATER	
	WATER, WATER EVERYWHERE	1
	A GLOBAL VIEW OF THE WET	2
	EARTH	
	CHAPTER 2- DRINKING WATER AND	
		1
	SOURCE WATER PROTECTION:	3
		2
	METAL POLLUTION REDUCTION	3 2
		3 2
	HOME RECTCLING OF GRATWATER	3
	DO SEPTIC TANKS DO THE JOB?	3
	LAND APPLICATIONS OF	2
	WASTEWATER SOLIDS	
	STORM WATER: BEST	3
	MANAGEMENT PRACTICES AND	
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	BEST MANAGEMENT PRACTICES	2
	FOR FORESTRY	
	DO YOU DRINK IT?	2
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	FLOW NETS	2
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
		3
Science and Technology: develop	CHAPTER 1-INTRODUCTION TO	
	WATER	
lecinology		2
	WATER CAREERS	2
		∠ 1
	CLASS PROJECT	
	ENVIRONMENTAL	1
	INFRASTRUCTURE FINANCING	
	IS YOUR WATER WELL FOR	2

(BY STANDARD)

Standard	Activity	Relation
Science and Technology: develop	CHAPTER 2- DRINKING WATER AND	
understandings about science and	WASTEWATER TREATMENT	
technology (con't)		
	WATER WORKS	3
	SOURCE WATER PROTECTION:	2
	Surface Water Sources	
	SOURCE WATER PROTECTION:	2
		4
		1
		I
	CHADTED 2- SUDEACE WATED	
	DESOUDCES	
	REST MANAGEMENT PRACTICES	1
	FOR FORESTRY	•
		2
	STORAGE TANKS	-
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	OIL SPILLS	2
Science in Personal and Social	CHAPTER 1- INTRODUCTION TO	
Perspectives: develop understanding of	WATER	
personal and community health		
	WATER: MORE PRICELESS THAN	1
	GOLD	
	WATER YOU DOING ABOUT THIS?	1
	WHAT'S IN A BOTTLE OF WATER?	2
		2
	BEAUTIFUI	-
		2
	INFRASTRUCTURE FINANCING	-
	CHAPTER 2- DRINKING WATER AND	
	WASTEWATER TREATMENT	
	CHLORINATION FOR DISINFECTION	1
	SOURCE WATER PROTECTION:	1
	Surface Water Sources	
	SOURCE WATER PROTECTION:	3
	Groundwater Sources	
	HOME RECYCLING OF GRAYWATER	1
	DO SEPTIC TANKS DO THE JOB?	1
	STORM WATER: BEST	1
	MANAGEMENT PRACTICES AND	•
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	WHAT ARE FECAL COLIFORMS AND	1
	HOW ARE THEY RELATED TO	
	WATER QUALITY?	

RELATIONSHIP: 3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity 1-standard is part of focus activity

Standard	Activity	Relation
Science in Personal and Social	CLEAN CLOTHES - CLEAN	1
Perspectives: develop understanding of	ENVIRONMENT? PHOSPHATES	
personal and community health		
	WHAT IS GROUNDWATER	2
	POLLUTION DOING TO THE	
	NEIGHBORHOOD?	0
		2
		2
	CONTAMINATION	
	LEAKING UNDERGROUND	2
	STORAGE TANKS	
Science in Personal and Social	CHAPTER 1- INTRODUCTION TO	
Perspectives: develop understanding of	WATER	
population growth		
	WATER: MORE PRICELESS THAN	1
	GOLD	
	WATER YOU DOING ABOUT THIS?	1
Science in Personal and Social	CHAPTER 1- INTRODUCTION TO	
Perspectives: develop understanding of	WATER	
natural resources		
	WATER, WATER EVERYWHERE	2
	A GLOBAL VIEW OF THE WET	3
		2
		3
	WATER?	2
	WATER CAREERS	2
	WATER: MORE PRICELESS THAN	3
	GOLD	
	WATER YOU DOING ABOUT THIS?	3
		3
	CLASS PROJECT	5
	KEEP OUR COMMUNITY	2
	BEAUTIFUL!	0
	INTERNATIONAL WATER DISPUTES:	3
	TOU BE THE NEGOTIATOR!	
	ENVIRONMENTAL	3
	INFRASTRUCTURE FINANCING	-
	THERE "OUGHTA" BE A LAW	3
	UNCLE SAM SAYS, "KEEP IT	3
	CLEAN!"	
	WATER CHEMISTRY CHECKUP	2
	HOW HARD IS WATER?	2
	DRINKING?	1

Standard	Activity	Relation
Science in Personal and Social	CHAPTER 2- DRINKING WATER AND	
Perspectives: develop understanding of	WASTEWATER TREATMENT	
natural resources (con't)		
	DRINKING WATER JEOPARDY	2
	SOURCE WATER PROTECTION:	3
	Surface Water Sources	
	SOURCE WATER PROTECTION:	3
	Groundwater Sources	4
		1
		1
	STORM WATER BEST	2
	MANAGEMENT PRACTICES AND	2
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	BEST MANAGEMENT PRACTICES	2
	FOR FORESTRY	
	WHAT ARE FECAL COLIFORMS AND	2
	HOW ARE THEY RELATED TO	
	WATER QUALITY?	
	CHAPTER 4- GROUNDWATER	
		0
		2
		2
		2
	NEIGHBORHOOD?	
	RADON IN WATER	2
	LANDFILLS AND THE POTENTIAL	2
	FOR GROUNDWATER	
	CONTAMINATION	
	LEAKING UNDERGROUND	2
	STORAGE TANKS	
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	UNDERSTANDING MARINE	2
		1
	FROSION KILL THE HABITATS THAT	1
		I
	OILSPILLS	2
Science in Personal and Social	CHAPTER 1- INTRODUCTION TO	
Perspectives: develop understanding of	WATER	
environmental quality		
	WATER WHIZ - A BOARD GAME	2
	ENVIRONMENTAL CONTROVERSY:	2
	CLASS PROJECT	

Standard	Activity	Relation
Science in Personal and Social	INTERNATIONAL WATER DISPUTES:	2
Perspectives: develop understanding of	YOU BE THE NEGOTIATOR!	
environmental quality (con't)		•
		3
		2
		2
	CLEANU	Z
		2
		2
	CHAPTER 2- DRINKING WATER AND	5
		3
	SOURCE WATER PROTECTION	2
	Groundwater Sources	-
	METAL POLLUTION REDUCTION	2
	WASTEWATER TREATMENT	3
	THE WORLD OF BIOLOGICAL	1
	WASTEWATER TREATMENT	
	DO SEPTIC TANKS DO THE JOB?	2
	LAND APPLICATIONS OF	2
	WASTEWATER SOLIDS	
	STORM WATER: BEST	3
	MANAGEMENT PRACTICES AND	
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	WHAT ARE FECAL COLIFORMS AND	2
	HOW ARE THEY RELATED TO	
	WATER QUALITY?	
	CLEAN CLOTHES - CLEAN	2
	ENVIRONMENT? PHOSPHATES	
	CHAPTER 4- GROUNDWATER	
	RESOURCES	_
	DO YOU DRINK IT?	2
	GROUNDWATER: CLEANING UP	2
	WHAT IS GROUNDWATER	2
	POLLUTION DOING TO THE	
	NEIGHBORHOOD?	
		3
		3
		2
	STORAGE TANKS	2
	COASTAL WATERS	
	UNDERSTANDING MARINE	2
	RESOURCES	2
		2
	MEXICO	2

Standard	Activity	Relation
Science in Personal and Social	EROSION KILL THE HABITATS THAT	2
Perspectives: develop understanding of	FEED YOU!	
environmental quality (con't)		
	OIL SPILLS	3
Science in Personal and Social	CHAPTER 1- INTRODUCTION TO	
Perspectives: develop understanding of	WATER	
natural and human-induced hazards		
	ENVIRONMENTAL CONTROVERSY:	2
	CLASS PROJECT	
	KEEP OUR COMMUNITY	2
	BEAUTIFUL!	-
	CHLORINATION FOR DISINFECTION	2
	CHARTER 2 DRINKING WATER AND	
	CHAPTER 2- DRINKING WATER AND	
		1
		2
		2
	WASTEWATER TREATMENT	2
	DO SEPTIC TANKS DO THE JOB?	1
	STORM WATER: BEST	2
	MANAGEMENT PRACTICES AND	-
	POLLUTION PREVENTION	
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	WHAT ARE FECAL COLIFORMS AND	2
	HOW ARE THEY RELATED TO	
	WATER QUALITY?	
	CLEAN CLOTHES - CLEAN	2
	ENVIRONMENT? PHOSPHATES	
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	GROUNDWATER: CLEANING UP	2
	WHAT IS GROUNDWATER	2
	POLLUTION DOING TO THE	
	NEIGHBORHOOD?	
		3
	LANDFILLS AND THE POTENTIAL	2
		2
		2
	COASTAL WATERS	
		2

(BY STANDARD)

Standard	Activity	Relation
Science in Personal and Social	CHAPTER 1- INTRODUCTION TO	
Perspectives: develop understanding of science and technology in local, national, and slobal aballances	WATER	
and global challenges	WATER, WATER EVERYWHERE A GLOBAL VIEW OF THE WET	2 1
	EARTH WATER WHIZ - A BOARD GAME	2
	WATER CAREERS WATER: MORE PRICELESS THAN	2 2
	GOLD WATER YOU DOING ABOUT THIS?	2
	ENVIRONMENTAL CONTROVERSY: CLASS PROJECT	3
	WHAT'S IN A BOTTLE OF WATER?	1
		2
	INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR!	1
		3
	THERE "OUGHTA" BE A LAW	1
	UNCLE SAM SAYS, "KEEP IT	1
	IS YOUR WATER WELL FOR DRINKING?	2
	CHAPTER 2- DRINKING WATER AND	
	WASTEWATER TREATMENT CARBON TREATMENT FOR WATER	1
	CHLORINATION FOR DISINFECTION	1
	SOURCE WATER PROTECTION:	2
	SOURCE WATER PROTECTION: Groundwater Sources	1
	METAL POLLUTION REDUCTION	2
	WASTEWATER TREATMENT	2
	THE WORLD OF BIOLOGICAL	2
	WASTEWATER TREATMENT HOME RECYCLING OF GRAYWATER	1
	DO SEPTIC TANKS DO THE JOB?	2
	LAND APPLICATIONS OF	1
	STORM WATER SOLIDS	2
	MANAGEMENT PRACTICES AND POLLUTION PREVENTION	2

RELATIONSHIP: 3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity 1-standard is part of focus activity

Standard	Activity	Relation
Science in Personal and Social	CHAPTER 3- SURFACE WATER	
Perspectives: develop understanding of	RESOURCES	
science and technology in local, national,		
and global challenges		
	BEST MANAGEMENT PRACTICES	1
	FOR FORESTRY	
	DO YOU DRINK IT?	1
	FLOW NETS	1
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	WHAT IS GROUNDWATER	1
	POLLUTION DOING TO THE	
		4
		1
		2
	CONTAMINATION	
		1
	STORAGE TANKS	
	CHAPTER 5- WETLANDS AND	
	COASTAL WATERS	
	RIVER INPUT INTO THE GULF OF	1
	MEXICO	-
	EROSION KILL THE HABITATS THAT	1
	FEED YOU!	
	OIL SPILLS	2
	WATER: POETIC, PROSAIC, MOSAIC	

(BY ACTIVITY)

Activity	Performance Objective	Relation
СНА	PTER 1- INTRODUCTION TO WATER	
THE HYDROLOGIC (WATER)	People, Places, & Environments: use knowledge of	3
OTOLL	weather, and the water cycle to explain geographic phenomena	
SURVEYING THE PROPERTIES OF WATER	(No correlation to this activity.)	
CLEARLY H ₂ O	(No correlation to this activity.)	
WATER, WATER EVERYWHERE	People, Places, & Environments: examine, interpret, and analyze physical and cultural patterns and their interactions, such as land use, settlement patterns, cultural transmission of customs and ideas, and ecosystem changes	2
	Power, Authority, & Governance: analyze and explain ideas and mechanisms to meet needs and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just society	2
	Production, Distribution, & Consumption: apply knowledge of economic concepts in developing a response to a current local economic issue, such as how to reduce	2
	Science, Technology, & Society: make judgments about how science and technology have transformed the physical world and human society and our understanding of time, space, place, and human-environment interactions	2
	Global Connections: explain conditions and motivations that contribute to conflict, cooperation, and interdependence among groups, societies, and nations	2
	Global Connections: analyze the causes, consequences, and possible solutions to persistent, contemporary, and emerging global issues, such as health, security, resource allocation, economic development, and environmental quality	2
	Civic Ideals & Practices: locate, access, analyze, organize, synthesize, evaluate, and apply information about selected public issues - identifying, describing, and evaluating multiple points of view	2

RELATIONSHIP: 3-performance objective main focus of activity, direct relation to objective 2-objective supported or addressed in activity 1-objective is part of the focus of activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
A GLOBAL VIEW OF THE WET EARTH	Culture: analyze and explain the ways groups, societies, and cultures address human needs and concerns	3
	People, Places, & Environments: create, interpret, use, and synthesize information from various representations of the earth , such as maps, globes, and photographs	2
	People, Places, & Environments: describe, differentiate, and explain the relationships among various regional and global patterns of geographic phenomena such as landforms, soils, climate, vegetation, natural resources, and population	2
	People, Places, & Environments: describe and compare how people create places that reflect culture, human needs, government policy, and current values and ideals as they design and build specialized buildings, neighborhoods, shopping centers, urban centers, industrial parks, and the like	2
	People, Places, & Environments: examine, interpret, and analyze physical and cultural patterns and their interactions, such as land use, settlement patterns, cultural transmission of customs and ideas, and ecosystem changes	2
	People, Places, & Environments: analyze and evaluate social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and droughts	2
	People, Places, & Environments: propose, compare, and evaluate alternative policies for the use of land and other resources in communities, regions, nations, and the world	2
WATER WHIZ - A BOARD GAME	Culture: analyze and explain the ways groups, societies, and cultures address human needs and concerns	1
	Production, Distribution, & Consumption: analyze the role that supply and demand, prices, incentives, and profits play in determining what is produced and distributed in a competitive market system	2
	Production, Distribution, & Consumption: consider the costs and benefits to society of allocating goods and services through private and public sectors	2
WATER: POETIC, PROSAIC, MOSAIC	(No correlation to this activity.)	
HOW WOULD WE SAY IT WITHOUT WATER?	(No correlation to this activity.)	

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

1-objective is part of the focus of activity

(BY ACTIVITY)

Activity Performance Objective		Relation	
WATER CAREERS	Production, Distribution, & Consumption: analyze the role of specialization and exchange in economic processes	3	

(BY ACTIVITY)

Activity	Performance Objective	Relation
WATER MORE PRICELESS	Power Authority & Governance: analyze and explain	3
THAN GOLD	ideas and mechanisms to meet needs and wants of citizens	Ũ
	regulate territory mange conflict establish order and	
	security, and balance competing conceptions of a just	
	society	
	Production. Distribution. & Consumption: apply	1
	knowledge of economic concepts in developing a response	
	to a current local economic issue, such as how to reduce	
	the flow of trash into a rapidly filling landfill	
	Civic Ideals & Practices: locate, access, analyze,	2
	organize, synthesize, evaluate, and apply information about	
	selected public issues - identifying, describing, and	
	evaluating multiple points of view	
	Civic Ideals & Practices: analyze and evaluate the	2
	influence of various forms of citizen action on public policy	
WATER: MORE PRICELESS	Civic Ideals & Practices: evaluate the effectiveness of	2
THAN GOLD (CON'T)	public opinion in influencing and shaping public policy	
	development and decision-making	
	Civic Ideals & Practices: construct a policy statement and	2
	an action plan to achieve one or more goals related to an	
	issue of public concern	
	Civic Ideals & Practices: participate in activities to	2
	strengthen the "common good," based upon careful	
	evaluation of possible options for citizen action	
WATER YOU DOING ABOUT	Power, Authority, & Governance: analyze and explain	2
1815?	Ideas and mechanisms to meet needs and wants of citizens,	
	regulate terniory, mange connict, establish order and	
	security, and balance competing conceptions of a just	
	Production Distribution & Consumption: analyze the	1
	role that supply and demand prices incentives and profits	
	play in determining what is produced and distributed in a	
	competitive market system	
	Production, Distribution, & Consumption: apply	1
	knowledge of economic concepts in developing a response	
	to a current local economic issue, such as how to reduce	
	the flow of trash into a rapidly filling landfill	
ENVIRONMENTAL	Individual Development & Identity: work independently	3
CONTROVERSY: CLASS	and cooperatively within groups and institutions to	
PROJECT	accomplish goals	
	Power, Authority, & Governance: analyze and explain	3
	ideas and mechanisms to meet needs and wants of citizens,	
	regulate territory, mange conflict, establish order and	
	security, and balance competing conceptions of a just	
	society	

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
ENVIRONMENTAL CONTROVERSY: CLASS PROJECT (CON'T)	Power, Authority, & Governance: analyze and evaluate conditions, actions, and motivations that contribute to conflict and cooperation within and among nations	3
	Power, Authority, & Governance: prepare a public policy paper and present and defend it before an appropriate forum in school or community	1
	Production, Distribution, & Consumption: analyze the role that supply and demand, prices, incentives, and profits play in determining what is produced and distributed in a competitive market system	1
"pH - THE FIRST CLUE TO WATER QUALITY"	(No correlation to this activity.)	
WHAT'S IN A BOTTLE OF WATER?	Production, Distribution, & Consumption: analyze the role that supply and demand, prices, incentives, and profits play in determining what is produced and distributed in a competitive market system	2
	Production, Distribution, & Consumption: compare how values and beliefs influence economic decisions in different societies	1
KEEP OUR COMMUNITY BEAUTIFUL!	People, Places, & Environments: examine, interpret, and analyze physical and cultural patterns and their interactions, such as land use, settlement patterns, cultural transmission of customs and ideas, and ecosystem changes	2
	People, Places, & Environments: propose, compare, and evaluate alternative policies for the use of land and other resources in communities, regions, nations, and the world	2
	Individual Development & Identity: work independently and cooperatively within groups and institutions to accomplish goals	2
	Individuals, Groups, & Institutions: explain and apply ideas and modes of inquiry drawn from behavioral science and social theory in the examination of persistent issues and social problems	1
RISK ASSESSMENT: HOW MUCH RISK ARE YOU	Individual Development & Identity: analyze the role of perceptions, attitudes, values, and beliefs in the	2
WILLING TO TAKE?	development of personal identity Individuals, Groups, & Institutions: identify and analyze examples of tensions between expressions of individuality and efforts used to promote social conformity by groups and institutions	2

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

1-objective is part of the focus of activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
RISK ASSESSMENT: HOW MUCH RISK ARE YOU WILLING TO TAKE? (CON'T)	Production, Distribution, & Consumption: analyze the role that supply and demand, prices, incentives, and profits play in determining what is produced and distributed in a competitive market system.	2
	Production, Distribution, & Consumption: apply knowledge of economic concepts in developing a response to a current local economic issue, such as how to reduce the flow of trash into a rapidly filling landfill	1
INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR!	Culture: analyze and explain the ways groups, societies, and cultures address human needs and concerns	2
	Individual Development & Identity: work independently and cooperatively within groups and institutions to accomplish goals	3
	Individuals, Groups, & Institutions: explain and apply ideas and modes of inquiry drawn from behavioral science and social theory in the examination of persistent issues and social problems	1
	Power, Authority, & Governance: analyze and explain ideas and mechanisms to meet needs and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just	2
	Power, Authority, & Governance: analyze and evaluate conditions, actions, and motivations that contribute to conflict and cooperation within and among nations	2
	Global Connections: analyze the causes, consequences, and possible solutions to persistent, contemporary, and emerging global issues, such as health, security, resource allocation, economic development, and environmental guality	1
	Global Connections: analyze the relationships and tensions between national sovereignty and global interests, in such matters as territory, economic development, nuclear and other weapons, use of natural resources, and human concerns	2
	Global Connections: illustrate how individual behaviors and decisions connect with global systems	1
	evaluate alternative policies for the use of land and other resources in communities, regions, nations, and the world	2

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity
(BY ACTIVITY)

Activity	Performance Objective	Relation
ENVIRONMENTAL	Power, Authority, & Governance: analyze and explain	1
INFRASTRUCTURE	ideas and mechanisms to meet needs and wants of citizens.	
FINANCING	regulate territory, mange conflict, establish order and	
	security, and balance competing conceptions of a just	
	society	
	Science, Technology, & Society: make judgments about	1
	how science and technology have transformed the physical	
	world and human society and our understanding of time,	
	space, place, and human-environment interactions	
	Civic Ideals & Practices: locate, access, analyze,	2
	organize, synthesize, evaluate, and apply information about	
	selected public issues - identifying, describing, and	
	evaluating multiple points of view	
	Civic Ideals & Practices: evaluate the effectiveness of	1
	public opinion in influencing and shaping public policy	
	development and decision-making	
	Civic Ideals & Practices: participate in activities to	2
	strengthen the "common good," based upon careful	
	evaluation of possible options for citizen action	
THERE "OUGHTA" BE A LAW	People, Places, & Environments: examine, interpret, and	2
	analyze physical and cultural patterns and their interactions,	
	such as land use, settlement patterns, cultural transmission	
	of customs and ideas, and ecosystem changes	
	People, Places, & Environments: propose, compare, and	2
	evaluate alternative policies for the use of land and other	
	resources in communities, regions, nations, and the world	
	Power, Authority, & Governance: analyze and explain	2
	ideas and mechanisms to meet needs and wants of citizens,	
	regulate territory, mange conflict, establish order and	
	security, and balance competing conceptions of a just	
	society	
	Production, Distribution, & Consumption: apply	2
	knowledge of economic concepts in developing a response	
	to a current local economic issue, such as how to reduce	
	the flow of trash into a rapidly filling landfill	
	Civic Ideals & Practices: locate, access, analyze,	2
	organize, synthesize, evaluate, and apply information about	
	selected public issues - identifying, describing, and	
	evaluating multiple points of view	
	Civic ideals & Practices: analyze and evaluate the	2
	influence of various forms of citizen action on public policy	
l	l	I I

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
	Civic Ideals & Practices: construct a policy statement and	1
	an action plan to achieve one or more goals related to an issue of public concern	

RELATIONSHIP: 3-performance objective main focus of activity, direct relation to objective 2-objective supported or addressed in activity 1-objective is part of the focus of activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
LINCLE SAM SAVS "KEEP IT	People Places & Environments: examine interpret and	2
CLEANI"	analyze physical and cultural patterns and their interactions	2
	such as land use, settlement patterns, cultural transmission	
	of electrons and ideas, and econyctom changes	
	or customs and ideas, and ecosystem changes	
	People Places & Environments: propose compare and	2
	evaluate alternative policies for the use of land and other	-
	resources in communities, regions, nations, and the world	
	Power, Authority, & Governance: analyze and explain	2
	ideas and mechanisms to meet needs and wants of citizens.	
	regulate territory mange conflict establish order and	
	security, and balance competing conceptions of a just	
	society	
	Production. Distribution. & Consumption: apply	2
	knowledge of economic concepts in developing a response	_
	to a current local economic issue, such as how to reduce	
	the flow of trash into a rapidly filling landfill	
	Civic Ideals & Practices: locate access analyze	2
	organize synthesize evaluate and apply information about	2
	solocted public issues identifying describing and	
	selected public issues - identifying, describing, and	
	Civic Ideals & Practices: analyze and evaluate the	2
	civic ideals & Flactices. analyze and evaluate the	2
	influence of various forms of chizen action on public policy	
	Civic Ideals & Practices: construct a policy statement and	1
	an action plan to achieve one or more goals related to an	
	issue of public concern	
WATER CHEMISTRY	(No correlation to this activity.)	
CHECKUP		
HOW HARD IS WATER?	(No correlation to this activity.)	
IS YOUR WATER WELL FOR	Power, Authority, & Governance: analyze and explain	1
DRINKING?	ideas and mechanisms to meet needs and wants of citizens,	
	regulate territory, mange conflict, establish order and	
	security, and balance competing conceptions of a just	
	society	
	Civic Ideals & Practices: locate, access, analyze,	2
	organize, synthesize, evaluate, and apply information about	
	selected public issues - identifying, describing, and	
	evaluating multiple points of view	
	Civic Ideals & Practices: evaluate the effectiveness of	1
	public opinion in influencing and shaping public policy	
	development and decision-making	

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

(BY ACTIVITY)	
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Activity	Performance Objective	Relation
CHAPTER 2- DRIN	KING WATER AND WASTEWATER TREATMENT	<u>г</u>
WATER WORKS	(No correlation to this activity.)	
CARBON TREATMENT FOR	(No correlation to this activity.)	
WATER POLLUTION		
CONTROL		
CHLORINATION FOR	(No correlation to this activity.)	
DISINFECTION		
DRINKING WATER	(No correlation to this activity.)	
JEOPARDY		
SOURCE WATER	People, Places, & Environments: describe, differentiate,	1
PROTECTION: Surface Water	and explain the relationships among various regional and	
Sources	global patterns of geographic phenomena such as	
	landforms, soils, climate, vegetation, natural resources, and	
	population	
SOURCE WATER	People, Places, & Environments: examine, interpret, and	2
PROTECTION: Surface Water	analyze physical and cultural patterns and their interactions,	
Sources	such as land use, settlement patterns, cultural transmission	
	of customs and ideas, and ecosystem changes	
SOURCE WATER	People. Places. & Environments: propose, compare, and	1
PROTECTION: Surface Water	evaluate alternative policies for the use of land and other	
Sources	resources in communities, regions, nations, and the world	
	Civic Ideals & Practices: construct a policy statement and	2
	an action plan to achieve one or more goals related to an	
	issue of public concern	
	Civic Ideals & Practices: participate in activities to	1
	strengthen the "common good," based upon careful	
	evaluation of possible options for citizen action	
SOURCE WATER	People, Places, & Environments: describe, differentiate,	1
PROTECTION: Groundwater	and explain the relationships among various regional and	
Sources	global patterns of geographic phenomena such as	
	landforms, soils, climate, vegetation, natural resources, and	
	population	
	People, Places, & Environments: examine, interpret, and	2
	analyze physical and cultural patterns and their interactions,	
	such as land use, settlement patterns, cultural transmission	
	of customs and ideas, and ecosystem changes	
	People, Places, & Environments: propose, compare. and	1
	evaluate alternative policies for the use of land and other	
	resources in communities, regions, nations, and the world	
	, , ,	

(BY ACTIVITY)

	(2)	
Activity	Performance Objective	Relation
SOURCE WATER	Civic Ideals & Practices: construct a policy statement and	2
PROTECTION: Groundwater	an action plan to achieve one or more goals related to an	2
	lissue of public concern	
	Civic Ideals & Practices: participate in activities to	1
	civic ideals & Fractices. participate in activities to	I
	suchation of possible entione for sitizen estion	
	(Ne correlation to this activity.)	
	(No correlation to this activity.)	
LIMITS SET FOR WATER		
POLLUTANTS?		
METAL POLLUTION	(No correlation to this activity.)	
REDUCTION		
WHAT IS IN SOURCE	(No correlation to this activity.)	
WATER?		
WASTEWATER TREATMENT	(No correlation to this activity.)	
	(No correlation to this activity)	
WASTEWATER TREATMENT		
HOME RECYCLING OF	(No correlation to this activity.)	
GRAYWATER		
DO SEPTIC TANKS DO THE	(No correlation to this activity.)	
JOB?	(
LAND APPLICATIONS OF	(No correlation to this activity)	
WASTEWATER SOLIDS		
STORM WATER BEST	(No correlation to this activity.)	
PREVENTION		
СНАРТ	ER 3- SURFACE WATER RESOURCES	
BIOGRAPHY OF A RIVER	Time, Continuity, & Change: apply key concepts such as	1
	time, chronology, causality, change, conflict, and	
	complexity to explain, analyze, and show connections	
	among patterns of historical change and continuity	
	People. Places, & Environments: refine mental maps of	1
	locales regions and the world that demonstrate	
	understanding of relative location direction size and shape	
	People, Places, & Environments: describe, differentiate.	2
	and explain the relationships among various regional and	
	alobal patterns of geographic phenomena such as	
	landforms soils climate vegetation natural resources and	
	nanulation	
	population	

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
	People, Places, & Environments: describe and compare how people create places that reflect culture, human needs, government policy, and current values and ideals as they design and build specialized buildings, neighborhoods, shopping centers, urban centers, industrial parks, and the like	3
BIOGRAPHY OF A RIVER (CON'T)	People, Places, & Environments: examine, interpret, and analyze physical and cultural patterns and their interactions, such as land use, settlement patterns, cultural transmission of customs and ideas, and ecosystem changes	3
	People, Places, & Environments: analyze and evaluate social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and droughts	1
CATCH ME IF YOU CAN (TWO WAYS TO MEASURE STREAM FLOW)	People, Places, & Environments: create, interpret, use, and synthesize information from various representations of the earth , such as maps, globes, and photographs	2
	People, Places, & Environments: use appropriate resources, data sources, and geographic tools such as aerial photographs, satellite mages, geographic information systems (GIS), map projections, and cartography to generate, manipulate, and interpret information such as atlases, data bases, grid systems, charts, graphs, and maps	2
	People, Places, & Environments: use knowledge of physical system changes such as seasons, climate and weather, and the water cycle to explain geographic phenomena	2
HELP! LAKE OVERTURNING!	(No correlation to this activity.)	
THE AGING OF LAKES	(No correlation to this activity.)	
BIODIVERSITY = WATER QUALITY	(No correlation to this activity.)	
FLOODS	People, Places, & Environments: create, interpret, use, and synthesize information from various representations of the earth , such as maps, globes, and photographs	2
	People, Places, & Environments: describe, differentiate, and explain the relationships among various regional and global patterns of geographic phenomena such as landforms, soils, climate, vegetation, natural resources, and population	2

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
	People Places & Environments: use knowledge of	1
	physical system changes such as seasons, climate and	
	weather and the water cycle to explain deographic	
	nhenomena	
	Poople Places & Environmente: applyze and evaluate	2
	reopie, riaces, a city ioninents. analyze and evaluate	3
	social and economic effects of environmental changes and	
	crises resulting from phenomena such as floods, storms,	
	and droughts	
	(No correlation to this activity.)	
PRACTICES FOR FORESTRY		
SIMPLE TEST FOR	(No correlation to this activity)	
MICROBIAL		
CONTAMINATION		
POLITITANTS: HOW MUCH	(No correlation to this activity)	
ETHICAL DILEMMAS WHAT'S	Individual Development & Identitive applying the role of	2
	narroantional development & identity. analyze the fole of	2
A BODY TO DO?	perceptions, attitudes, values, and beliefs in the	
	development of personal identity	
	individuals, Groups, & Institutions: analyze group and	1
	institutional influences on people, events, and elements of	
	culture in both historical and contemporary settings	
	Individuals, Groups, & Institutions: identify and analyze	2
	examples of tensions between expressions of individuality	
	and efforts used to promote social conformity by groups and	
	institutions	
	Individuals, Groups, & Institutions: explain and apply	2
	ideas and modes of inquiry drawn from behavioral science	
	and social theory in the examination of persistent issues	
	and social problems	
WHAT ARE FECAL	(No correlation to this activity.)	
COLIFORMS AND HOW ARE		
THEY RELATED TO WATER		
QUALITY?		
TURBIDITY	(No correlation to this activity.)	
CLEAN CLOTHES - CLEAN	(No correlation to this activity.)	
ENVIRONMENT?		
PHOSPHATES		
WHAT TURNED THE CREEK	(No correlation to this activity.)	
ORANGE?	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
THERMAL POLLUTION	(No correlation to this activity.)	
СНАРТ	ER 4- GROUNDWATER RESOURCES	
GROUNDWATER BASIC	(No correlation to this activity.)	
FROM GROUND TO WATER	(No correlation to this activity.)	
WHAT'S THE LEVEL?	(No correlation to this activity.)	

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
WHAT GOES ON DOWN UNDER?	(No correlation to this activity.)	
DO YOU DRINK IT?	(No correlation to this activity.)	
HYDRAULIC HEAD	(No correlation to this activity.)	
FLOW NETS	People, Places, & Environments: refine mental maps of	2
	locales, regions, and the world that demonstrate	
	understanding of relative location, direction, size, and shape	
	People, Places, & Environments: create, interpret, use, and synthesize information from various representations of the earth , such as maps, globes, and photographs	3
FLOW NETS (CON'T)	People, Places, & Environments: use appropriate resources, data sources, and geographic tools such as aerial photographs, satellite mages, geographic information systems (GIS), map projections, and cartography to generate, manipulate, and interpret information such as atlases, data bases, grid systems, charts, graphs, and maps	2
	People, Places, & Environments: calculate distance, scale, area, and density, and distinguish spatial distribution patterns	3
	People, Places, & Environments: describe, differentiate, and explain the relationships among various regional and global patterns of geographic phenomena such as landforms, soils, climate, vegetation, natural resources, and population	2
GROUNDWATER: CLEANING	(No correlation to this activity.)	
WHAT IS GROUNDWATER POLLUTION DOING TO THE NEIGHBORHOOD?	(No correlation to this activity.)	
RADON IN WATER	(No correlation to this activity.)	
LANDFILLS AND THE	(No correlation to this activity.)	
POTENTIAL FOR		
GROUNDWATER		
CONTAMINATION		
LEAKING UNDERGROUND STORAGE TANKS	Individual Development & Identity: work independently and cooperatively within groups and institutions to accomplish goals	2
	Power, Authority, & Governance: analyze and explain ideas and mechanisms to meet needs and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just society	2

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
	Civic Ideals & Practices: locate, access, analyze, organize, synthesize, evaluate, and apply information about selected public issues - identifying, describing, and	2
	evaluating multiple points of view Civic Ideals & Practices: construct a policy statement and an action plan to achieve one or more goals related to an issue of public concern	1

(BY ACTIVITY)

Activity	Performance Objective	Relation
CHAPTER	5- WETLANDS AND COASTAL WATERS	
An Alternative to the "What I Did on Summer Vacation - What I Can Do on Summer Vacation."	(No correlation to this activity.)	
UNDERSTANDING MARINE RESOURCES	Culture: analyze and explain the ways groups, societies, and cultures address human needs and concerns	2
	Production, Distribution, & Consumption: analyze the role that supply and demand, prices, incentives, and profits play in determining what is produced and distributed in a competitive market system	1
RIVER INPUT INTO THE GULF OF MEXICO	People, Places, & Environments: create, interpret, use, and synthesize information from various representations of the earth , such as maps, globes, and photographs	1
	People, Places, & Environments: use appropriate resources, data sources, and geographic tools such as aerial photographs, satellite mages, geographic information systems (GIS), map projections, and cartography to generate, manipulate, and interpret information such as atlases, data bases, grid systems, charts, graphs, and maps	1
	People, Places, & Environments: describe, differentiate, and explain the relationships among various regional and global patterns of geographic phenomena such as landforms, soils, climate, vegetation, natural resources, and population	2
	People, Places, & Environments: use knowledge of physical system changes such as seasons, climate and weather, and the water cycle to explain geographic phenomena	2
	People, Places, & Environments: examine, interpret, and analyze physical and cultural patterns and their interactions, such as land use, settlement patterns, cultural transmission of customs and ideas, and ecosystem changes	2
WETLANDS, USA - MORE THAN SWAMPS!	People, Places, & Environments: describe, differentiate, and explain the relationships among various regional and global patterns of geographic phenomena such as landforms, soils, climate, vegetation, natural resources, and population	3
	People, Places, & Environments: use knowledge of physical system changes such as seasons, climate and weather, and the water cycle to explain geographic phenomena	2

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
WETLANDS USA - MORE	People Places & Environments: describe and compare	1
THAN SWAMPS! (CON'T)	how people create places that reflect culture, human needs,	
	government policy, and current values and ideals as they	
	design and build specialized buildings, neighborhoods,	
	shopping centers, urban centers, industrial parks, and the like	
	People, Places, & Environments: examine, interpret, and	2
	analyze physical and cultural patterns and their interactions,	
	such as land use, settlement patterns, cultural transmission	
	of customs and ideas, and ecosystem changes	
KNOW YOUR GULF	(No correlation to this activity.)	
SEA MARGIN DIVERSITY	People, Places, & Environments: describe, differentiate,	2
	and explain the relationships among various regional and	
	global patterns of geographic phenomena such as	
	landforms, soils, climate, vegetation, natural resources, and	
	population	
	People, Places, & Environments: use knowledge of	2
	physical system changes such as seasons, climate and	
	weather, and the water cycle to explain geographic	
	phenomena	
ESTUARIES: INTERFACE	People, Places, & Environments: describe, differentiate,	2
BETWEEN SEA AND LAND	and explain the relationships among various regional and	
	global patterns of geographic phenomena such as	
	landforms, soils, climate, vegetation, natural resources, and	
	population	
	People, Places, & Environments: use knowledge of	2
	physical system changes such as seasons, climate and	
	weather, and the water cycle to explain geographic	
	phenomena	0
	People, Places, & Environments: examine, interpret, and	2
	analyze physical and cultural patterns and their interactions,	
	such as land use, settlement patterns, cultural transmission	
	of customs and ideas, and ecosystem changes	
EROSION KILL THE	People, Places, & Environments; use knowledge of	2
HABITATS THAT FEED YOU!	physical system changes such as seasons, climate and	_
	weather and the water cycle to explain geographic	
	phenomena	
	People Places & Environments: analyze and evaluate	2
	social and economic effects of environmental changes and	-
	crises resulting from phenomena such as floods, storms	
	and droughts	
	People, Places, & Environments: propose compare and	2
	evaluate alternative policies for the use of land and other	
	resources in communities regions nations and the world	

RELATIONSHIP:

3-performance objective main focus of activity, direct relation to objective

2-objective supported or addressed in activity

(BY ACTIVITY)

Activity	Performance Objective	Relation
OIL SPILLS	(No correlation to this activity.)	
IMPACT GOVERNMENTAL REGULATIONS ON MARINE DEBRIS - WRITE A LETTER!	People, Places, & Environments: propose, compare, and evaluate alternative policies for the use of land and other resources in communities, regions, nations, and the world	2
	Power, Authority, & Governance: analyze and evaluate conditions, actions, and motivations that contribute to conflict and cooperation within and among nations	2
"HOW WATER PROCESSES MOVE SAND"	People, Places, & Environments: create, interpret, use, and synthesize information from various representations of the earth , such as maps, globes, and photographs	1
	People, Places, & Environments: use knowledge of physical system changes such as seasons, climate and weather, and the water cycle to explain geographic phenomena	1
SWEPT AWAY OR WHERE WILL YOU BE WHEN THE WATER COMES?	(No correlation to this activity.)	

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Activity	Relation
0 //		6
<i>Culture</i> - Social studies programs should include experiences that provide for the		
		-
Culture: analyze and explain the ways groups, societies, and cultures address human needs and concerns	A GLOBAL VIEW OF THE WET EARTH	3
	WATER WHIZ - A BOARD GAME	1
		2
	NEGOTIATOR!	
	UNDERSTANDING MARINE	2
	RESOURCES	
Time, Continuity, & Change-Social	l studies programs should includ	le
experiences that provide for the stud	y of the ways human beings view	W
themselves in ad over time,	so that the learner can:	
Time, Continuity, & Change: apply key concepts	BIOGRAPHY OF A RIVER	1
such as time, chronology, causality, change,		
conflict, and complexity to explain, analyze, and		
show connections among patterns of historical		
People. Places. & Environments-Soc	ial studies programs should incl	lude
experiences that provide for the study of	people, places, and environmen	<i>its,</i> so
that the lear	mer can:	ŕ
	-	T
People, Places, & Environments: refine mental	BIOGRAPHY OF A RIVER	1
demonstrate understanding of relative location		
direction, size, and shape		
· · · · · · · · · · · · · · · · · · ·	FLOW NETS	2
People, Places, & Environments: create,	A GLOBAL VIEW OF THE WET	2
interpret, use, and synthesize information from various representations of the earth such as	EARTH	
maps, globes, and photographs		
	CATCH ME IF YOU CAN (TWO	2
		2
	FLOW NETS	3

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Activity	Relation
People, Places, & Environments: create, interpret, use, and synthesize information from various representations of the earth, such as maps, globes, and photographs (con't)	RIVER INPUT INTO THE GULF OF MEXICO	1
	"HOW WATER PROCESSES MOVE SAND"	1
People, Places, & Environments: use appropriate resources, data sources, and geographic tools such as aerial photographs, satellite mages, geographic information systems (GIS), map projections, and cartography to generate, manipulate, and interpret information such as atlases, data bases, grid systems, charts, graphs, and maps	CATCH ME IF YOU CAN (TWO WAYS TO MEASURE STREAM FLOW)	2
	FLOW NETS RIVER INPUT INTO THE GULF OF MEXICO	2 1
People, Places, & Environments: calculate distance, scale, area, and density, and distinguish spatial distribution patterns	FLOW NETS	3
People, Places, & Environments: describe, differentiate, and explain the relationships among various regional and global patterns of geographic phenomena such as landforms, soils, climate, vegetation, natural resources, and population	EARTH	2
	SOURCE WATER PROTECTION:	1
	SOURCE WATER PROTECTION: Groundwater Sources	1
	BIOGRAPHY OF A RIVER FLOODS ELOW NETS	2 2 2
	RIVER INPUT INTO THE GULF OF	2
	WETLANDS, USA - MORE THAN SWAMPS!	3
	SEA MARGIN DIVERSITY ESTUARIES: INTERFACE BETWEEN SEA AND LAND	2 2
People, Places, & Environments: use knowledge of physical system changes such as seasons, climate and weather, and the water cycle to explain geographic phenomena	THE HYDROLOGIC (WATER) CYCLE	3
	CATCH ME IF YOU CAN (TWO WAYS TO MEASURE STREAM FLOW)	2

NOTE: NOT ALL PERFORMANCE EXPECTATIONS ARE MET.

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Activity	Relation
		I
People, Places, & Environments: use knowledge	FLOODS	1
of physical system changes such as seasons,		
climate and weather, and the water cycle to explain		
geographic phenomena (con't)		0
	RIVER INPUT INTO THE GULF OF	2
		2
	SWAMPSI	2
	SEA MABGIN DIVEBSITY	2
	ESTUARIES: INTERFACE	2
	BETWEEN SEA AND LAND	_
	EROSION KILL THE HABITATS	2
	THAT FEED YOU!	
	"HOW WATER PROCESSES	1
	MOVE SAND"	
	A GLOBAL VIEW OF THE WET	2
	EARTH	
	BIOGRAPHY OF A RIVER	3
	WETLANDS, USA - MORE THAN	1
	SWAMPS!	
People, Places, & Environments: examine,	WATER, WATER EVERYWHERE	2
Interpret, and analyze physical and cultural		
patterns and their interactions, such as land use,		
customs and ideas, and ecosystem changes		
customs and lucas, and coosystem enarges	A GLOBAL VIEW OF THE WET	2
	EARTH	_
	KEEP OUR COMMUNITY	2
	BEAUTIFUL!	
	THERE "OUGHTA" BE A LAW	2
	UNCLE SAM SAYS, "KEEP IT	2
	CLEAN!"	
	SOURCE WATER PROTECTION:	2
	Surface Water Sources	
	SOURCE WATER PROTECTION:	2
	Groundwater Sources	
		3
	RIVER INPUT INTO THE GULF OF	2
	WEILANDO, UOA - MUKEIHAN	2
		2
	BETWEEN SEA AND LAND	

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Activity	Relation
People, Places, & Environments: analyze and	A GLOBAL VIEW OF THE WET	2
evaluate social and economic effects of	EARTH	
environmental changes and crises resulting from		
phenomena such as floods, storms, and droughts		
People, Places, & Environments: analyse and	BIOGRAPHY OF A RIVER	1
evaluate(con't)		
	FLOODS	3
	EROSION KILL THE HABITATS	2
	THAT FEED YOU!	
People, Places, & Environments: propose,	A GLOBAL VIEW OF THE WET	2
compare, and evaluate alternative policies for the	EARTH	
use of land and other resources in communities,		
regions, nations, and the world		0
		2
		2
		2
		2
	LINCLE SAM SAVS "KEEP IT	2
	CLEANI"	2
	SOUBCE WATER PROTECTION	1
	Surface Water Sources	•
	SOUBCE WATER PROTECTION	1
	Groundwater Sources	•
	EROSION KILL THE HABITATS	2
	THAT FEED YOU!	_
	IMPACT GOVERNMENTAL	2
	REGULATIONS ON MARINE	
	DEBRIS - WRITE A LETTER!	
Individual Development & Identity-So	cial studies programs should inc	clude
experiences that provide for the study of <i>i</i>	ndividual development and ident	tity so
that the loor	nar oop	<i>my</i> , 30
	ner can.	
Individual Development & Identity: analyze the	RISK ASSESSMENT: HOW MUCH	2
role of perceptions, attitudes, values, and beliefs in		
the development of personal identity		0
	PODY TO DO2	2
Individual Development & Identity work		3
independently and econoratively within groups and		3
linetitutions to accomplish cools	PRO IECT	
		2
	BEAUTIFUL	~

(BY PERFORMANCE OBJECTIVE)

Individual Development & Identity: work independently and cooperatively within groups and institutions to accomplish goals (con't) INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTATOR! LEAKING UNDERGROUND 3 Individuals, Groups, & Institutions- scotal studies programs should include experiences that provide for the study of interactions among individuals, groups, and institutions so that the learner can: 1 Individuals, Groups, & Institutions: analyze group and institutional influences on people, events, and elements of culture in both historical and contemporary settings ETHICAL DILEMMAS WHAT'S A BODY TO DO? 1 Individuals, Groups, & Institutions: identify and analyze examples of tensions between expressions of individuality and efforts used to promote social conformity by groups and institutions RISK ASESSMENT: HOW MUCH RISK ARE YOU WILLING TO TAKE? 2 Individuals, Groups, & Institutions: explain and apply ideas and modes of inquiv drawn from behavioral science and social theory in the examination of persistent issues and social problems RISE APP OUR COMMUNITY BEAUTIFUL! 1 INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR! ETHICAL DILEMMAS WHAT'S A BODY TO DO? 2 Power, Authority, & Governance- structures of power, authority, and governance, so that the learner can: 2 Power, Authority, & Governance: snalyze and explain ideas and mechanisms to meet needs and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just society WATER: MORE PRICELESS THAN 3	Performance Objective	Activity	Relation
Individual Development & Identity: work independently and cooperatively within groups and institutions to accomplish goals (cont) INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR! LEAKING UNDERGROUND 3 Individuals, Groups, & Institutions: Social studies programs should include experiences that provide for the study of interactions among individuals, groups, and institutions: analyze group and institutions influences on people, events, and elements of culture in both historical and contemporary settings ETHICAL DILEMMAS WHAT'S A BODY TO DO? 1 Individuals, Groups, & Institutions: identity and analyze examples of tensions between expressions of individuality and efforts used to promote social conformity by groups and institutions: explain and apply ideas and modes of inquiry drawn from behavioral science and social theory in the examination of persistent issues and social problems RISK ASESSMENT: HOW MUCH RISK ARE YOU WILLING TO TAKE? 2 Individuals, Groups, & Institutions: explain and apply ideas and modes of inquiry drawn from behavioral science and social theory in the examination of persistent issues and social problems INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTITORI ETHICAL DILEMMAS WHAT'S A BODY TO DO? 2 Power, Authority, & Governance- competing conceptions of a just society Social studies programs should include experiences that provide for the study of how people create and change structures of power, authority, and governance, so that the learner can: 2 Power, Authority, & Governance: analyze and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just society WATER: MO		-	
independently and cooperatively within groups and institutions to accomplish goals (con't) DISPUTES: YOU BE THE NEGOTIATOR! LEAKING UNDERGROUND STORAGE TANKS 2 Individuals, Groups, & Institutions: Social studies programs should include experiences that provide for the study of interactions among individuals, groups, and institutions so that the learner can: 1 Individuals, Groups, & Institutions: analyze group and institutional influences on people, events, and elements of culture in both historical and contemporary settings ETHICAL DILEMMAS WHAT'S A BODY TO DO? 1 Individuals, Groups, & Institutions: identify and analyze examples of tensions between expressions of individuality and efforts used to promote social conformity by groups and institutions RISK ASSESSMENT: HOW MUCH RISK ARE YOU WILLING TO TAKE? 2 Individuals, Groups, & Institutions: conformity by groups and institutions ETHICAL DILEMMAS WHAT'S A BODY TO DO? 2 Individuals, Groups, & Institutions: conformity by groups and institutions EXEP OUR COMMUNITY BEAUTIFUL! 1 BEAUTIFUL! Individuals, Groups, & Covernance- Social studies programs should include experiences that provide for the study of how people create and change structures of power, authority, and governance, so that the learner can: 2 Power, Authority, & Governance: competing conceptions of a just society WATER: MORE PRICELESS THAN 3	Individual Development & Identity: work	INTERNATIONAL WATER	3
institutions to accomplish goals (con't) NEGOTIATOR! LEAKING UNDERGROUND STORAGE TANKS 2 Individuals, Groups, & Institutions- experiences that provide for the study of interactions among individuals, groups, and institutions so that the learner can: 2 Individuals, Groups, & Institutions: analyze group and institutional influences on people, events, and elements of culture in both historical and contemporary settings ETHICAL DILEMMAS WHAT'S A BODY TO DO? 1 Individuals, Groups, & Institutions: identify and analyze examples of tensions between expressions of individuality and efforts used to promote social conformity by groups and institutions: explain and apply ideas and modes of inquiry drawn from behavioral science and social theory in the examination of persistent issues and social problems NERCOTIATOR! ETHICAL DILEMMAS WHAT'S A BODY TO DO? 2 Individuals, Groups, & Institutions: explain and apply ideas and modes of inquiry drawn from behavioral science and social theory in the examination of persistent issues and social problems INTERNATIONAL WATER INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR! ETHICAL DILEMMAS WHAT'S A BODY TO DO? 2 Power, Authority, & Governance- structures of power, authority, and governance, so that the learner can: 2 Power, Authority, & Governance: analyze and explain ideas and mechanisms to meet needs and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just society WATER: MORE PRICELESS THAN 3	independently and cooperatively within groups and	DISPUTES: YOU BE THE	
LEAKING UNDERGROUND STORAGE TANKS 2 Individuals, Groups, & Institutions- Social studies programs should include experiences that provide for the study of interactions among individuals, groups, and institutions so that the learner can: Individuals, Groups, & Institutions: analyze group and institutional influences on people, events, and elements of culture in both historical and contemporary settings ETHICAL DILEMMAS WHAT'S A BODY TO DO? 1 Individuals, Groups, & Institutions: identify and analyze examples of tensions between expressions of individuality and efforts used to promote social conformity by groups and institutions: explain and apply ideas and modes of inquiry drawn from behavioral science and social theory in the examination of persistent issues and social problems RISK ASESSMENT: HOW MUCH REEP OUR COMMUNITY BEAUTIFUL! 1 INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR! ETHICAL DILEMMAS WHAT'S A BODY TO DO? 2 Power, Authority, & Governance- structures of power, authority, and governance, so that the learner can: 2 Power, Authority, & Governance: analyze and explain ideas and mechanisms to meet needs and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just society WATER: MORE PRICELESS THAN 3	institutions to accomplish goals (con't)	NEGOTIATOR!	
Individuals, Groups, & Institutions- Social studies programs should include experiences that provide for the study of interactions among individuals, groups, and institutions so that the learner can: Individuals, Groups, & Institutions: analyze group and institutional influences on people, events, and elements of culture in both historical and contemporary settings ETHICAL DILEMMAS WHAT'S A BODY TO DO? 1 Individuals, Groups, & Institutions: identify and analyze examples of tensions between expressions of individuality and efforts used to promote social conformity by groups and institutions RISK ASESSMENT: HOW MUCH 2 Individuals, Groups, & Institutions: explain and apply ideas and modes of inquiry drawn from behavioral science and social theory in the examination of persistent issues and social problems KEEP OUR COMMUNITY BEAUTIFUL! 1 BEAUTIFUL! INTERNATIONAL WATER International science and social theory in the experiences that provide for the study of how people create and change structures of power, authority, and governance, so that the learner can: 2 Power, Authority, & Governance: analyze and explain ideas and mechanisms to meet needs and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just society WATER: MORE PRICELESS THAN 3			2
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		GOLD	

NOTE: NOT ALL PERFORMANCE EXPECTATIONS ARE MET.

Performance Objective	Activity	Relation
Power, Authority, & Governance: analyze and explain ideas and mechanisms to meet needs and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just society	WATER YOU DOING ABOUT THIS?	2
Power, Authority, & Governance: analyze and explain ideas and mechanisms to meet needs and wants of citizens, regulate territory, mange conflict, establish order and security, and balance competing conceptions of a just society (con't)	ENVIRONMENTAL CONTROVERSY: CLASS PROJECT	3
	INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR!	2
	ENVIRONMENTAL	1
	THERE "OUGHTA" BE A LAW	2
	UNCLE SAM SAYS, "KEEP IT CLEAN!"	2
	IS YOUR WATER WELL FOR DRINKING?	1
	LEAKING UNDERGROUND STORAGE TANKS	2
Power, Authority, & Governance: analyze and evaluate conditions, actions, and motivations that contribute to conflict and cooperation within and	ENVIRONMENTAL CONTROVERSY: CLASS PROJECT	3
among nations	INTERNATIONAL WATER DISPUTES: YOU BE THE	2
	NEGOTIATOR! IMPACT GOVERNMENTAL REGULATIONS ON MARINE DEBRIS - WRITE A LETTER!	2
Power, Authority, & Governance: prepare a public policy paper and present and defend it before an appropriate forum in school or community	ENVIRONMENTAL CONTROVERSY: CLASS PROJECT	1

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Activity	Relation
Production, Distribution, & Consumption	tion- Social studies programs sl	nould
include experiences that provide for the	study of how people organize fo	r the
production distribution and consumption	n of goods and services so that	t the
loarpor	con:	
learner	can.	
		-
Production, Distribution, & Consumption:	WATER WHIZ - A BOARD GAME	2
analyze the role that supply and demand, prices,		
incentives, and profits play in determining what is		
produced and distributed in a competitive market		
system		1
	THIS?	
		1
	CONTROVERSY: CLASS	•
	PROJECT	
	WHAT'S IN A BOTTLE OF	2
	WATER?	
	RISK ASSESSMENT: HOW MUCH	2
	RISK ARE YOU WILLING TO	
	TAKE?	
	UNDERSTANDING MARINE	1
	RESOURCES	
Production, Distribution, & Consumption:	WATER WHIZ - A BOARD GAME	2
consider the costs and benefits to society of		
allocating goods and services through private and		
Public sectors		2
analyze the role of specialization and exchange in	WATER CAREERS	3
Production, Distribution, & Consumption:	WHAT'S IN A BOTTLE OF	1
compare how values and beliefs influence	WATER?	
economic decisions in different societies		
Production, Distribution, & Consumption: apply	WATER, WATER EVERYWHERE	2
knowledge of economic concepts in developing a		
response to a current local economic issue, such		
as how to reduce the flow of trash into a rapidly		
filling landfill		
	WATER: MORE PRICELESS THAN	1
		1
		4
	TAKE?	

NOTE: NOT ALL PERFORMANCE EXPECTATIONS ARE MET.

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Activity	Relation
Production, Distribution, & Consumption: apply knowledge of economic concepts in developing a response to a current local economic issue, such as how to reduce the flow of trash into a rapidly filling landfill	THERE "OUGHTA" BE A LAW	2
	UNCLE SAM SAYS, "KEEP IT CLEAN!"	2
Science, Technology, & Society- soc	ial studies programs should incl	lude
experiences that provide for the study <i>technology, and society,</i> s	y of <i>relationships among science</i> to that the learner can:	9,
Science, Technology, & Society: make judgments about how science and technology have transformed the physical world and human society and our understanding of time, space, place, and human-environment interactions	WATER, WATER EVERYWHERE	2
	ENVIRONMENTAL INFRASTRUCTURE FINANCING	1
provide for the study of <i>global connection</i> learner of the study of <i>global connection</i> learner of the study of <i>global connection</i> learner of the study of the study of <i>global connection</i> learner of the study of the study of <i>global connection</i> learner of the study of <i>global connection</i> learner of the study of <i>global connection</i> learner of the study of the study of th	can:	t the
Global Connections: explain conditions and motivations that contribute to conflict, cooperation, and interdependence among groups, societies, and nations	WATER, WATER EVERYWHERE	2
Global Connections: analyze the causes, consequences, and possible solutions to persistent, contemporary, and emerging global issues, such as health, security, resource allocation, economic development, and environmental quality	WATER, WATER EVERYWHERE	2
	INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR!	1
	INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR!	2
Global Connections: illustrate how individual behaviors and decisions connect with global systems	INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR!	1

NOTE: NOT ALL PERFORMANCE EXPECTATIONS ARE MET.

2-objective supported or addressed in activity

³⁻performance objective main focus of activity, direct relation to objective

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Activity	Relation
<i>Civic Ideals & Practices-</i> Social studies programs should include experiences that provide for the study of <i>the ideals, principles, and practices of citizenship in a</i>		
democratic republic, so	that the learner can:	·
	1	
Civic Ideals & Practices: locate, access, analyze, organize, synthesize, evaluate, and apply information about selected public issues - identifying, describing, and evaluating multiple points of view	WATER, WATER EVERYWHERE	2
	WATER: MORE PRICELESS THAN GOLD	2
	ENVIRONMENTAL INFRASTRUCTURE FINANCING	2
	THERE "OUGHTA" BE A LAW UNCLE SAM SAYS, "KEEP IT CLEAN!"	2 2
	IS YOUR WATER WELL FOR	2
	LEAKING UNDERGROUND STORAGE TANKS	2
Civic Ideals & Practices: analyze and evaluate the influence of various forms of citizen action on public policy	WATER: MORE PRICELESS THAN GOLD	2
	THERE "OUGHTA" BE A LAW UNCLE SAM SAYS, "KEEP IT CLEAN!"	2 2
Civic Ideals & Practices: evaluate the effectiveness of public opinion in influencing and shaping public policy development and decision- making	WATER: MORE PRICELESS THAN GOLD	2
	ENVIRONMENTAL	1
	IS YOUR WATER WELL FOR DRINKING?	1
Civic Ideals & Practices: construct a policy statement and an action plan to achieve one or more goals related to an issue of public concern	WATER: MORE PRICELESS THAN GOLD	2
	THERE "OUGHTA" BE A LAW UNCLE SAM SAYS, "KEEP IT	1 1
	CLEAN!" SOURCE WATER PROTECTION: Surface Water Sources	2

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Activity	Relation
Civic Ideals & Practices: construct a policy	SOURCE WATER PROTECTION:	2
statement and an action plan to achieve one or	Groundwater Sources	
more goals related to an issue of public concern		
	LEAKING UNDERGROUND	1
	STORAGE TANKS	
Civic Ideals & Practices: participate in activities	WATER: MORE PRICELESS THAN	2
to strengthen the "common good," based upon	GOLD	
careful evaluation of possible options for citizen		
action		
	ENVIRONMENTAL	2
	INFRASTRUCTURE FINANCING	
	SOURCE WATER PROTECTION:	1
	Surface Water Sources	
	SOURCE WATER PROTECTION:	1
	Groundwater Sources	

Activity	Standard	Relation
CHAPTER	1- INTRODUCTION TO WATER	
THE HYDROLOGIC (WATER)	Physical Systems: understand the dynamics of the	2
CYCLE	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	
SURVEYING THE PROPERTIES OF		
WATER	(No correlation to this activity.)	
CLEARLY H ₂ O	(No correlation to this activity.)	
WATER, WATER EVERYWHERE		2
	The World in Spatial Terms: understand how to	
	use mental maps of physical and human features of	
	the world to answer complex geographical questions	
	The World in Spatial Terms: understand how	2
	mental maps influence spatial and environmental	
	decision-making	_
	Physical Systems: understand the dynamics of the	2
	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	Physical Systems: understand the interaction of	2
	Firstical Systems: understand the interaction of	2
	Environment and Society: understand how	1
	changes in the physical environment can diminish its	1
	capacity to support human activity	
	Environment and Society: understand strategies to	1
	respond to constraints placed on human systems by	
	the physical environment	
	Environment and Society: understand how the	1
	spatial distribution of resources affects patterns of	
	human settlement	
	Environment and Society: understand how	2
	resource development and use change over time	
	Environment and Society: understand the	3
	geographic results of policies and programs for	
	resource use and management	
		2
	The Uses of Geography: understand how different	
	points of view influence the development of policies	
	designed to use and manage Earth's resources	-
		2
	Ine Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	

Activity	Standard	Relation
A GLOBAL VIEW OF THE WET	The World in Spatial Terms: understand how to	2
EARTH	use maps and other graphic presentations to depict	
	geographic problems	
		1
	The World in Spatial Terms: understand how to	
	use mental maps of physical and human features of	
	the world to answer complex geographical questions	
	Places and Regions: understand the meaning and	2
	significance of place	
	Places and Regions: understand how relationships	2
	between humans and the physical environment lead	
	to the formation of places and to a sense of	
	Physical Systems, understand the dynamics of the	4
	Frysical Systems: understand the dynamics of the	1
	the atmosphere biosphere lithespheres and	
	hydrosphere	
	Physical Systems: understand the distribution and	2
	characteristics of ecosystems	2
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	2
	environmental issues	
	Environment and Society: understand how	2
	changes in the physical environment can diminish its	_
	capacity to support human activity	
	Environment and Society: understand strategies to	2
	respond to constraints placed on human systems by	
	the physical environment	
	Environment and Society: understand how the	2
	spatial distribution of resources affects patterns of	
	human settlement	
	Environment and Society: understand how	2
	resource development and use change over time	
		2
	The Uses of Geography: understand how different	
	points of view influence the development of policies	
	designed to use and manage Earth's resources	0
	The lines of Coorrephy understand how to use	2
	apparentia knowledge, skille, and perceptives to	
	analyze problems and make decisions	
WATER WHIZ - A BOARD GAME	Places and Regions: understand how relationships	1
	between humans and the physical environment lead	
	to the formation of places and to a sense of	
	personal and community identity	
	Human Systems: understand how differing points	2
	of view and self-interests play a role in conflict over	
	territory and resources	

Activity	Standard	Relation
WATER WHIZ - A BOARD GAME	Environment and Society: understand how	2
(CON'T)	resource development and use change over time	
		2
	The Uses of Geography: understand how different	
	points of view influence the development of policies	
	designed to use and manage Earth's resources	
WATER: POETIC, PROSAIC,		
MOSAIC	(No correlation to this activity.)	
HOW WOULD WE SAY IT		
WITHOUT WATER?	(No correlation to this activity.)	
WATER CAREERS	(No correlation to this activity.)	
WATER: MORE PRICELESS THAN	Places and Regions: understand how relationships	1
GOLD	between numans and the physical environment lead	
	to the formation of places and to a sense of	
	Physical Systems, understand the dynamics of the	4
	Frysical Systems: understand the dynamics of the	I
	the streambers, bisenbore, litheanbores, and	
	line autiosphere, biosphere, illinospheres, and	
	Physical Systems: understand the importance of	2
	consustems in popple's understanding of	3
	ecosystems in people's understanding of	
	Environment and Society: understand how	2
	changes in the physical environment can diminish its	2
	capacity to support human activity	
	Environment and Society: understand strategies to	2
	respond to constraints placed on human systems by	_
	the physical environment	
	Environment and Society: understand how the	2
	spatial distribution of resources affects patterns of	
	human settlement	
	Environment and Society: understand how	2
	resource development and use change over time	
	Environment and Society: understand the	3
	geographic results of policies and programs for	
	resource use and management	
	Places and Regions: understand how relationships	1
	between humans and the physical environment lead	
	to the formation of places and to a sense of	
	personal and community identity	
	Human Systems: understand how differing points	2
	of view and self-interests play a role in conflict over	
	territory and resources	

Activity	Standard	Relation
WATER: MORE PRICELESS THAN	Environment and Society: understand how	1
GOLD (CON'T)	resource development and use change over time	
		2
	The Uses of Geography: understand how different	
	points of view influence the development of policies	
	designed to use and manage Earth's resources	
	The Uses of Geography: understands	2
	contemporary issues in the context of spatial and	
	environmental perspectives	
		3
	The Uses of Geography: understands how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions.	
	Places and Regions: understand how relationships	1
CONTROVERSY: CLASS PROJECT	between humans and the physical environment lead	
	to the formation of places and to a sense of	
	personal and community identity	2
	futurian Systems: understand how differing points	2
	torritory and recourses	
	Environment and Society: understand how	1
	resource development and use change over time	I
	resource development and use change over time	2
	The Uses of Geography: understand how different	2
	points of view influence the development of policies	
	designed to use and manage Earth's resources	
"pH - THE FIRST CLUE TO WATER		
QUALITY"	(No correlation to this activity.)	
WHAT'S IN A BOTTLE OF WATER?		
	(No correlation to this activity.)	
KEEP OUR COMMUNITY	Physical Systems: understand the importance of	2
BEAUTIFUL!	ecosystems in people's understanding of	
	environmental issues	
	Human Systems: understand how differing points	2
	of view and self-interests play a role in conflict over	
	territory and resources	
		1
	The Uses of Geography: understand how different	
	points of view influence the development of policies	
	designed to use and manage Earth's resources	
RISKARE TOO WEEING TO TAKE!	(No correlation to this activity.)	
INTERNATIONAL WATER	The World in Snatial Terms: understand how to	2
DISPUTES' YOU BE THE	use maps and other graphic presentations to depict	<u> </u>
NEGOTIATOR!	deographic problems	
	The World in Spatial Terms: understand how to	2
	use geographic representations and tools to	
	analyze, explain, and solve geographic problems	

Activity	Standard	Relation
INTERNATIONAL WATER	The World in Spatial Terms: understand how	2
DISPUTES: YOU BE THE	mental maps influence spatial and environmental	
NEGOTIATOR! (CON'T)	decision-making	
		1
	Human Systems: understand the increasing	
	economic interdependence of the world's countries	
	Human Systems: understand why and how	2
	cooperation and conflict are involved in shaping the	
	distribution of social, political, and economic spaces	
	on Earth at different scales	-
	Human Systems: understand how differing points	3
	of view and self-interests play a role in conflict over	
	territory and resources	
	(No correlation to this activity.)	0
THERE OUGHTA BE A LAW	fuman Systems: understand now differing points	2
	torritory and resources	
	Environment and Society: understand strategies to	1
	respond to constraints placed on human systems by	1
	the physical environment	
	Environment and Society: understand how	2
	resource development and use change over time	2
UNCLE SAM SAYS "KEEP IT	Human Systems: understand how differing points	2
CLEAN!"	of view and self-interests play a role in conflict over	-
	territory and resources	
	Environment and Society: understand strategies to	1
	respond to constraints placed on human systems by	-
	the physical environment	
	Environment and Society: understand how	2
	resource development and use change over time	
HOW HARD IS WATER?	(No correlation to this activity.)	
IS YOUR WATER WELL FOR		
DRINKING?	(No correlation to this activity.)	
WATER CHEMISTRY CHECKUP	(No correlation to this activity.)	
CHAPTER 2- DRINKING	WATER AND WASTEWATER TREATMEN	IT
WATER WORKS	(No correlation to this activity.)	
CARBON TREATMENT FOR		
WATER POLLUTION CONTROL	(No correlation to this activity.)	
CHLORINATION FOR		
DISINFECTION	(No correlation to this activity.)	
DRINKING WATER JEOPARDY	(No correlation to this activity.)	
SOURCE WATER PROTECTION:	Physical Systems: understand the dynamics of the	1
Surface Water Sources	tour basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	nyarosphere	~
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	

Activity	Standard	Relation
,		
SOURCE WATER PROTECTION:		2
Surface Water Sources	Environment and Society: understand the role of	
	technology in the capacity of the physical	
	environment to accommodate human modification	
	Environment and Society: understand how to	2
	apply appropriate models and information to	
	understand environmental problems	
	Environment and Society: understand how	1
	resource development and use change over time	
	Environment and Society: understand the	2
	geographic results of policies and programs for	
	resource use and management	2
	The lises of Geography: understand how to use	2
	apparaphic knowledge skills and perspectives to	
	analyze problems and make decisions	
SOURCE WATER PROTECTION:	Physical Systems: understand the dynamics of the	1
Groundwater Sources	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	
	environmental issues	
		2
	Environment and Society: understand the role of	
	technology in the capacity of the physical	
	environment to accommodate human modification	
	Environment and Society: understand how to	2
	apply appropriate models and information to	
	understand environmental problems	
	Environment and Society: understand now	1
	Environment and Society understand the	2
	deographic results of policies and programs for	2
	resource use and management	
		2
	The Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	
HOW ARE DETECTION LIMITS SET		
FOR WATER POLLUTANTS?	(No correlation to this activity.)	
METAL POLLUTION REDUCTION	(No correlation to this activity.)	
WHAT IS IN SOURCE WATER?	(No correlation to this activity.)	
	(No correlation to this activity.)	
	(Algorithm to this potinity)	
	(NO CORRELATION TO THIS ACTIVITY.)	
	(No correlation to this activity)	
DO SEPTIC TANKS DO THE JOB?	(No correlation to this activity.)	

Activity	Standard	Relation
LAND APPLICATIONS OF		
WASTEWATER SOLIDS	(No correlation to this activity.)	
STORM WATER: BEST		
MANAGEMENT PRACTICES AND		
POLLUTION PREVENTION	(No correlation to this activity.)	

Activity	Standard	Relation
CHAPTER 3-	SURFACE WATER RESOURCES	
BIOGRAPHY OF A RIVER	Places and Regions: understand the meaning and	2
	significance of place	
	Places and Regions: understand the changing	1
	physical and human characteristics of places	
	Physical Systems: understand the dynamics of the	2
	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the distribution and	1
	characteristics of ecosystems	
	Physical Systems: understand the BIODIVERSITY	2
	and productivity of ecosystems	0
MAXS TO MEASURE STREAM	the world in Spatial Terms: understand now to	2
	use technologies to represent and interpret Earths	
	The World in Spatial Terms: understand how to	2
	use deographic representations and tools to	2
	analyze explain and solve geographic problems	
		2
	The World in Spatial Terms: understand how to	_
	use mental maps of physical and human features of	
	the world to answer complex geographical questions	
	Places and Regions: understand the changing	2
	physical and human characteristics of places	
	Physical Systems: understand the spatial	1
	variations in the consequences of physical	
	processes across Earth's surface	
		2
	The Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	2
HELF! LAKE OVERTORNING!	four basic components of Earth's physical systems:	2
	the atmosphere biosphere lithospheres and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	
HELP! LAKE OVERTURNING!	Physical Systems: understand the distribution and	1
(CON'T)	characteristics of ecosystems	
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	
	environmental issues	
THE AGING OF LAKES	(No correlation to this activity.)	
BIODIVERSITY = WATER QUALITY	Physical Systems: understand the dynamics of the	1
	the atmosphere bicephere lithegraphere and	
	ine autosphere, biosphere, lithospheres, and	
	Physical Systems: understand the distribution and	2
	characteristics of ecosystems	<u> </u>

RELATIONSHIP: 3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity

1-standard is part of focus of activity

Activity	Standard	Relation
BIODIVERSITY = WATER QUALITY	Physical Systems: understand the BIODIVERSITY	2
(CON'T)	and productivity of ecosystems	
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	
	environmental issues	
FLOODS	Places and Regions: understand the changing	2
	physical and human characteristics of places	
	Physical Systems: understand the dynamics of the	2
	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	0
	Physical Systems: understand the spatial	3
	variations in the consequences of physical	
	processes across Earth's surface	2
	Environment and Society: understand the	2
	geographic results of policies and programs for	
	Places and Pegions: understand the meaning and	1
	significance of place	1
	Places and Regions: understand the changing	2
	nhysical and human characteristics of places	2
	Places and Regions: understand how relationships	1
	between humans and the physical environment lead	
	to the formation of places and to a sense of	
	personal and community identity	
	Physical Systems: understand the dynamics of the	2
	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	
	Physical Systems: understand the spatial	2
	variations in the consequences of physical	
	processes across Earth's surface	
	Physical Systems: understand the BIODIVERSITY	1
	and productivity of ecosystems	
	Physical Systems: understand the importance of	3
	ecosystems in people's understanding of	
	environmental issues	
		2
	Environment and Society: understand the role of	
	technology in the capacity of the physical	
	environment to accommodate human modification	_
	Environment and Society: understand how to	3
	apply appropriate models and information to	
	understand environmental problems	
	Environment and Society: understand now	2
	resource development and use change over time	

RELATIONSHIP: 3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity 1-standard is part of focus of activity

Activity	Standard	Relation
BEST MANAGEMENT PRACTICES	Environment and Society: understand the	2
FOR FORESTRY (CON'T)	geographic results of policies and programs for	
	resource use and management	
		2
	The Uses of Geography: understand how different	
	points of view influence the development of policies	
	designed to use and manage Earth's resources	0
	The lines of Coorrephy, understand how to use	2
	apparaphic knowledge, skills, and perspectives to	
	analyze problems and make decisions	
SIMPLE TEST FOR MICROBIAL		
CONTAMINATION	(No correlation to this activity.)	
POLLUTANTS: HOW MUCH TOTAL		
OR HOW MUCH PER UNIT OF		
WATER?	(No correlation to this activity.)	
ETHICAL DILEMMAS WHAT'S A	Physical Systems: understand the importance of	1
BODY TO DO?	ecosystems in people's understanding of	
	environmental issues	
	Environment and Society: understand strategies to	3
	respond to constraints placed on human systems by	
	the physical environment	0
	Environment and Society: understand now	2
	resource development and use change over time	2
	The lises of Geography: understand how different	3
	points of view influence the development of policies	
	designed to use and manage Earth's resources	
		2
	The Uses of Geography: understand how to use	_
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	
WHAT ARE FECAL COLIFORMS		
AND HOW ARE THEY RELATED TO		
WATER QUALITY?	(No correlation to this activity.)	
TURBIDITY	(No correlation to this activity.)	
CLEAN CLOTHES - CLEAN		
ENVIRONMENT? PHOSPHATES	(No correlation to this activity.)	1
OPANCE2	Further basic components of Earth's physical systems:	1
ORANGE?	the atmosphere biosphere lithospheres and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	
		2
	Environment and Society: understand the role of	
	technology in the capacity of the physical	
	environment to accommodate human modification	

Activity	Standard	Relation
	Environment and Society: understand how to	2
	apply appropriate models and information to	
	understand environmental problems	

Activity	Standard	Relation
WHAT TURNED THE CREEK	Environment and Society: understand how	2
ORANGE? (CON'T)	changes in the physical environment can diminish its	
	capacity to support human activity	
	Environment and Society: understand the	1
	geographic results of policies and programs for	
	resource use and management	
CHAPTER 4-	GROUNDWATER RESOURCES	•
THERMAL POLLUTION	(No correlation to this activity.)	
GROUNDWATER BASIC	(No correlation to this activity.)	
FROM GROUND TO WATER	(No correlation to this activity.)	
WHAT'S THE LEVEL?	(No correlation to this activity.)	
WHAT GOES ON DOWN UNDER?	(No correlation to this activity.)	
DO YOU DRINK IT?	The World in Spatial Terms: understand how to	2
	use maps and other graphic presentations to depict	
	geographic problems	
		2
	The World in Spatial Terms: understand how to	
	use mental maps of physical and human features of	
	the world to answer complex geographical questions	
	The World in Spatial Terms: understand how	2
	mental maps influence spatial and environmental	
	decision-making	
	Places and Regions: understand how relationships	2
	between humans and the physical environment lead	
	to the formation of places and to a sense of	
	personal and community identity	
DO YOU DRINK IT? (CON'T)	Physical Systems: understand the dynamics of the	1
	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	
HYDRAULIC HEAD	(No correlation to this activity.)	
FLOW NETS	The World in Spatial Terms: understand how to	2
	use maps and other graphic presentations to depict	
	geographic problems	
	The World in Spatial Terms: understand how to	2
	use technologies to represent and interpret Earth's	
	physical and human systems	
	The World in Spatial Terms: understand how to	2
	use geographic representations and tools to	
	analyze, explain, and solve geographic problems	

Activity	Standard	Relation
FLOW NETS (CON'T)	The World in Spatial Terms: understand how	3
	mental maps influence spatial and environmental	
	decision-making	
	Physical Systems: understand the dynamics of the	2
	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the spatial	2
	variations in the consequences of physical	
	processes across Earth's surface	
	Environment and Society: understand how	2
	changes in the physical environment can diminish its	
	capacity to support human activity	
	Environment and Society: understand how	2
	resource development and use change over time	
	Environment and Society: understand the	2
	geographic results of policies and programs for	
	resource use and management	1
GROUNDWATER: CLEANING UP	Places and Regions: understand the changing	I
	Physical and numan characteristics of places	2
	ensurements in people's understanding of	2
	Environmental issues	2
	apply appropriate models and information to	2
	understand environmental problems	
	Environment and Society: understand how	2
	resource development and use change over time	2
	Environment and Society: understand the	2
	deographic results of policies and programs for	2
	resource use and management	
		2
	The Uses of Geography: understand how to use	_
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	
WHAT IS GROUNDWATER		1
POLLUTION DOING TO THE	Places and Regions: understand the changing	
NEIGHBORHOOD?	physical and human characteristics of places	
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	
	environmental issues	
	Environment and Society: understand how to	2
	apply appropriate models and information to	
	understand environmental problems	
	Environment and Society: understand how	2
	resource development and use change over time	

Activity	Standard	Relation
WHAT IS GROUNDWATER	Environment and Society: understand the	2
POLLUTION DOING TO THE	geographic results of policies and programs for	
NEIGHBORHOOD? (CON'T)	resource use and management	
		2
	The Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	
RADON IN WATER	Places and Regions: understand the changing	1
	physical and human characteristics of places	0
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	
	Environment and Society: understand how to	2
	apply appropriate models and information to	2
	understand environmental problems	
	Environment and Society: understand how	2
	resource development and use change over time	-
	Environment and Society: understand the	2
	geographic results of policies and programs for	_
	resource use and management	
	5	2
	The Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	
LANDFILLS AND THE POTENTIAL		1
FOR GROUNDWATER	The World in Spatial Terms: understand how to	
CONTAMINATION	use mental maps of physical and human features of	
	the world to answer complex geographical questions	
	Places and Regions: understand the changing	2
	physical and numan characteristics of places	0
	Earth's physical systems: understand the interaction of	2
	Earlins physical systems	2
	apply appropriate models and information to	2
	understand environmental problems	
	Environment and Society: understand the	2
	deographic results of policies and programs for	_
	resource use and management	
	5	2
	The Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	
LEAKING UNDERGROUND	Places and Regions: understand the changing	2
STORAGE TANKS	physical and human characteristics of places	
	Physical Systems: understand the interaction of	1
	Earth's physical systems	-
	Environment and Society: understand how to	2
	apply appropriate models and information to	
	understand environmental problems	
Activity	Standard	Relation
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LEAKING UNDERGROUND	Environment and Society: understand the	2
STORAGE TANKS (CON'T)	geographic results of policies and programs for	
	resource use and management	
		2
	The Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	
CHAPTER 5- WE	ETLANDS AND COASTAL WATERS	
An Alternative to the "What I Did on		
Summer Vacation - What I Can Do on		
Summer Vacation."	(No correlation to this activity.)	
UNDERSTANDING MARINE	Places and Regions: understand how relationships	2
RESOURCES	between humans and the physical environment lead	
	to the formation of places and to a sense of	
	personal and community identity	
	Physical Systems: understand the BIODIVERSITY	1
	and productivity of ecosystems	
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	
	environmental issues	
	Environment and Society: understand how to	2
	apply appropriate models and information to	
	understand environmental problems	
	Environment and Society: understand how the	2
	spatial distribution of resources affects patterns of	
	human settlement	
	Environment and Society: understand how	2
	resource development and use change over time	
	Environment and Society: understand the	2
	geographic results of policies and programs for	
	resource use and management	
		3
	The Uses of Geography: understand how different	
	points of view influence the development of policies	
	designed to use and manage Earth's resources	
	The Uses of Geography: understand contemporary	2
	issues in the context of spatial and environmental	
	perspectives	
		2
	The Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	

Activity	Standard	Relation
RIVER INPUT INTO THE GULF OF MEXICO	The World in Spatial Terms: understand how to use maps and other graphic presentations to depict geographic problems	2
	The World in Spatial Terms: understand how to use geographic representations and tools to analyze, explain, and solve geographic problems	2
	The World in Spatial Terms: understand how mental maps influence spatial and environmental decision-making	2
	Physical Systems: understand the dynamics of the four basic components of Earth's physical systems: the atmosphere, biosphere, lithospheres, and hydrosphere	2
	Physical Systems: understand the distribution and characteristics of ecosystems	2
	Environment and Society: understand how to apply appropriate models and information to understand environmental problems	3
	The Uses of Geography: understand how different	1
	designed to use and manage Earth's resources The Uses of Geography: understand contemporary issues in the context of spatial and environmental perspectives	2
WETLANDS, USA - MORE THAN SWAMPS!	Physical Systems: understand the dynamics of the four basic components of Earth's physical systems: the atmosphere, biosphere, lithospheres, and hydrosphere	1
	Physical Systems: understand the interaction of Earth's physical systems	1
	Physical Systems: understand the distribution and characteristics of ecosystems	2
	Physical Systems: understand the BIODIVERSITY and productivity of ecosystems	2
	Physical Systems: understand the importance of ecosystems in people's understanding of environmental issues	2
	Environment and Society: understand how to apply appropriate models and information to understand environmental problems	2

Activity	Standard	Relation
WETLANDS, USA - MORE THAN		2
SWAMPS! (CON'T)	The Uses of Geography: understand how different	
	points of view influence the development of policies	
	designed to use and manage Earth's resources	
	The Uses of Geography: understand contemporary	1
	issues in the context of spatial and environmental	
	perspectives	
		2
	The Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	
KNOW YOUR GULF	(No correlation to this activity.)	
SEA MARGIN DIVERSITY	The World in Spatial Terms: understand how to	1
	use geographic representations and tools to	
	analyze, explain, and solve geographic problems	
	Physical Systems: understand the dynamics of the	1
	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	nyarosphere	0
	Physical Systems: understand the interaction of	2
	Earth's physical systems	2
	characteristics of accelerations	2
	Characteristics of ecosystems	2
	ensurements in people's understanding of	2
	The World in Spatial Terms: understand how to	1
BETWEEN SEA AND LAND	use geographic representations and tools to	1
	analyze explain and solve geographic problems	
	Physical Systems: understand the dynamics of the	1
	four basic components of Earth's physical systems:	
	the atmosphere biosphere lithospheres and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	_
	Physical Systems: understand the distribution and	2
	characteristics of ecosystems	
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	
	environmental issues	
EROSION KILL THE HABITATS	Physical Systems: understand the dynamics of the	1
THAT FEED YOU!	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	
	Physical Systems: understand the distribution and	2
	characteristics of ecosystems	

Activity	Standard	Relation
	Physical Systems: understand the importance of	2
	ecosystems in people's understanding of	
	environmental issues	

Activity	Standard	Relation
EROSION KILL THE HABITATS	Environment and Society: understand how the	2
THAT FEED YOU! (CON'T)	spatial distribution of resources affects patterns of	
	human settlement	
	Environment and Society: understand how	2
	resource development and use change over time	
	Environment and Society: understand the	2
	geographic results of policies and programs for	
	resource use and management	
OIL SPILLS	(No correlation to this activity.)	
IMPACT GOVERNMENTAL		
REGULATIONS ON MARINE		
DEBRIS - WRITE A LETTER!	(No correlation to this activity.)	
"HOW WATER PROCESSES MOVE	The World in Spatial Terms: understand how to	2
SAND"	use maps and other graphic presentations to depict	
	geographic problems	
	The World in Spatial Terms: understand how to	2
	use geographic representations and tools to	
	analyze, explain, and solve geographic problems	
	Physical Systems: understand the dynamics of the	2
	four basic components of Earth's physical systems:	
	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	
	Physical Systems: understand the spatial	2
	variations in the consequences of physical	
	processes across Earth's surface	
	Environment and Society: understand how	2
	changes in the physical environment can diminish its	
	capacity to support human activity	
	Environment and Society: understand the	1
	geographic results of policies and programs for	
	resource use and management	
SWEPT AWAY OR WHERE	Physical Systems: understand the dynamics of the	2
WILL YOU BE WHEN THE WATER	four basic components of Earth's physical systems:	
COMES?	the atmosphere, biosphere, lithospheres, and	
	hydrosphere	
	Physical Systems: understand the interaction of	2
	Earth's physical systems	
	Physical Systems: understand the importance of	1
	ecosystems in people's understanding of	
	environmental issues	
	Environment and Society: understand how to	2
	apply appropriate models and information to	
	understand environmental problems	
	Environment and Society: understand now	2
	changes in the physical environment can diminish its	
	capacity to support human activity	

Activity	Standard	Relation
SWEPT AWAY OR WHERE	Environment and Society: understand the	2
WILL YOU BE WHEN THE WATER	geographic results of policies and programs for	
COMES? (CON'T)	resource use and management	
		2
	The Uses of Geography: understand how to use	
	geographic knowledge, skills, and perspectives to	
	analyze problems and make decisions	

(BY STANDARD)

Standard	Activity	Relation
Essential Element 1. The World in Spatial geographic representations, tools, and technologie spatial perspective; 2) How to use mental maps environments in a spatial context; 3) How to anal environments of	Ferms- Standard 1) How to use maps and ot to acquire, process, and report information to organize information about people, place yze the spatial organization fo people, place on Earth's surface.	her n from a s, and es, and
The World in Spatial Terms: understand how to	A GLOBAL VIEW OF THE WET EARTH	2
use maps and other graphic presentations to depict		
geographic problems		
	INTERNATIONAL WATER DISPUTES: YOU BE THE NEGOTIATOR!	2
	DO YOU DRINK IT?	2
		2
	MEXICO	2
	"HOW WATER PROCESSES MOVE SAND"	2
The World in Spatial Terms: understand how to	CATCH ME IF YOU CAN (TWO WAYS	2
use technologies to represent and interpret Earth's	TO MEASURE STREAM FLOW)	
physical and human systems		
The World in Spatial Termony understand how to		2
use geographic representations and tools to	YOU BE THE NEGOTIATOR!	2
	CATCH ME IF YOU CAN (TWO WAYS TO MEASURE STREAM FLOW)	2
	FLOW NETS	2
	RIVER INPUT INTO THE GULF OF	2
	MEXICO	_
	SEA MARGIN DIVERSITY	1
	ESTUARIES: INTERFACE BETWEEN SEA AND LAND	1
	"HOW WATER PROCESSES MOVE SAND"	2
The World in Spatial Terms: understand how to use mental maps of physical and human features of the world to answer complex geographical questions	WATER, WATER EVERYWHERE	2
	A GLOBAL VIEW OF THE WET EARTH	1
	CATCH ME IF YOU CAN (TWO WAYS TO MEASURE STREAM FLOW)	2

(BY ST/	ANDARD)	
Standard	Activity	Relation
		-
The World in Spatial Terms: understand how to	DO YOU DRINK IT?	2
use mental maps of physical and human features		
of the world to answer complex geographical		
questions (con't)		
	LANDFILLS AND THE POTENTIAL FOR	1
	GROUNDWATER CONTAMINATION	
The World in Spatial Terms: understand how	WATER, WATER EVERYWHERE	2
mental maps influence spatial and environmental		_
decision-making		
5	INTERNATIONAL WATER DISPUTES:	2
	YOU BE THE NEGOTIATOR!	
	DO YOU DRINK IT?	2
	FLOW NETS	3
	RIVER INPUT INTO THE GULF OF	2
	MEXICO	
Essential Element 2. Places and Regions-Star	ndard 4) The physical and human characteri	stics of
places; 5) That people create regions to interpret	Earth's complexity; 6) How culture and exp	erience
influence people's percep	tions of places and regions.	
Discose and Designed understand the meaning and		0
ridees and Regions: understand the meaning and	IA GLOBAL VIEW OF THE WET EARTH	2
		2
	BEST MANAGEMENT PRACTICES FOR	2 1
	FORESTRY	1
Places and Regions: understand the changing	BIOGRAPHY OF A RIVER	1
physical and human characteristics of places		
	CATCH ME IF YOU CAN (TWO WAYS	2
	TO MEASURE STREAM FLOW)	
	FLOODS	2
	BEST MANAGEMENT PRACTICES FOR	2
	FORESTRY	
	GROUNDWATER: CLEANING UP	1
	WHAT IS GROUNDWATER POLLUTION	1
	DOING TO THE NEIGHBORHOOD?	
		1
	I ANDEILI S AND THE POTENTIAL FOR	2
	GROUNDWATER CONTAMINATION	~
	LEAKING UNDERGROUND STORAGE	2
	TANKS	_
Places and Regions: understand how	A GLOBAL VIEW OF THE WET EARTH	2
relationships between humans and the physical		
environment lead to the formation of places and to		
a sense of personal and community identity		

3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity 1-standard is par of focus of activity

(BY STANDARD)		_
Standard	Activity	Relation
	WATER WHIZ - A BOARD GAME	1
	WATER: MORE PRICELESS THAN	1
	GOLD	
	WATER YOU DOING ABOUT THIS?	1
	ENVIRONMENTAL CONTROVERSY:	1
	CLASS PROJECT	
	BEST MANAGEMENT PRACTICES FOR	1
		0
		2
		2
of Earth's surface; 8) The characteristics and spa Physical Systems: understand the dynamics of the four basic components of Earth's physical systems: the atmosphere, biosphere, lithospheres, and hydrosphere	Atial distribution of ecosystems on Earth's su THE HYDROLOGIC (WATER) CYCLE WATER, WATER EVERYWHERE A GLOBAL VIEW OF THE WET EARTH	2 2 1
	GOLD	1
	Surface Water Sources SOURCE WATER PROTECTION: Groundwater Sources	1
	BIOGRAPHY OF A RIVER	2
	HELP! LAKE OVERTURNING!	2
	BIODIVERSITY = WATER QUALITY	1
	FLOODS	2
	BEST MANAGEMENT PRACTICES FOR FORESTRY	2
	WHAT TURNED THE CREEK ORANGE?	1
	DO YOU DRINK IT?	1
	FLOW NETS	2
	RIVER INPUT INTO THE GULF OF MEXICO	2
	WETLANDS, USA - MORE THAN SWAMPS!	1
	SEA MARGIN DIVERSITY	1
Physical Systems: understand the dynamics of the four basic components of Earth's physical systems: the atmosphere, biosphere, lithospheres, and hydrosphere(con't)	ESTUARIES: INTERFACE BETWEEN SEA AND LAND	1

NOTE: NOT ALL STANDARDS ARE MET.

(BY STANDARD)

Standard	Activity	Relation
	EROSION KILL THE HABITATS THAT	1
	"HOW WATER PROCESSES MOVE SAND"	2
	SWEPT AWAY OR WHERE WILL YOU BE WHEN THE WATER COMES?	2
Physical Systems: understand the interaction of Earth's physical systems	THE HYDROLOGIC (WATER) CYCLE	2
	WATER, WATER EVERYWHERE	2
	HELP! LAKE OVERTURNING!	2
	FLOODS	2
	BEST MANAGEMENT PRACTICES FOR FORESTRY	2
	WHAT TURNED THE CREEK ORANGE?	2
	DO YOU DRINK IT?	2
	LANDFILLS AND THE POTENTIAL FOR	2
	GROUNDWATER CONTAMINATION	
	LEAKING UNDERGROUND STORAGE	1
	WETLANDS, USA - MORE THAN	1
	SEA MARGIN DIVERSITY	2
	ESTUARIES' INTERFACE BETWEEN	2
	SEA AND I AND	-
	EROSION KILL THE HABITATS THAT	2
	"HOW WATER PROCESSES MOVE SAND"	2
	SWEPT AWAY OR WHERE WILL	2
	YOU BE WHEN THE WATER COMES?	
Physical Systems: understand the spatial	CATCH ME IF YOU CAN (TWO WAYS	1
variations in the consequences of physical processes across Earth's surface	TO MEASURE STREAM FLOW)	
	FLOODS	3
	BEST MANAGEMENT PRACTICES FOR	2
	FORESTRY	
	FLOW NETS	2
	"HOW WATER PROCESSES MOVE SAND"	2
Physical Systems: understand the distribution and	A GLOBAL VIEW OF THE WET EARTH	2
characteristics of ecosystems		
Physical Systems: understand the distribution and	BIOGRAPHY OF A RIVER	1
characteristics of ecosystems (con't)		

NOTE: NOT ALL STANDARDS ARE MET.

3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity

(BY STANDARD)	
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Standard	Activity	Relation
	2	
	HELP! LAKE OVERTURNING!	1
	BIODIVERSITY = WATER QUALITY	2
	RIVER INPUT INTO THE GULF OF	2
	MEXICO	
	WETLANDS, USA - MORE THAN	2
	SWAMPS!	
	SEA MARGIN DIVERSITY	2
	ESTUARIES: INTERFACE BETWEEN	2
	SEA AND LAND	
	EROSION KILL THE HABITATS THAT	2
	FEED YOU!	
Physical Systems: understand the	BIOGRAPHY OF A RIVER	2
BIODIVERSITY and productivity of ecosystems		
	BIODIVERSITY = WATER QUALITY	2
	BEST MANAGEMENT PRACTICES FOR	1
	FORESTRY	
	UNDERSTANDING MARINE	1
	RESOURCES	
	WEILANDS, USA - MORE THAN	2
Divisional Constants and another of the simple retaining of	SWAMPS!	
Physical Systems: understand the importance of	A GLOBAL VIEW OF THE WET EARTH	2
ecosystems in people's understanding of		
environmental issues		2
	COLD	3
		2
		2
	Surface Water Sources	2
	SOURCE WATER PROTECTION	2
	Groundwater Sources	2
		2
	BIODIVERSITY = WATER QUALITY	2
	BEST MANAGEMENT PRACTICES FOR	3
	FORESTRY	-
	ETHICAL DILEMMAS WHAT'S A BODY	1
	TO DO?	
	GROUNDWATER: CLEANING UP	2
	WHAT IS GROUNDWATER POLLUTION	2
	DOING TO THE NEIGHBORHOOD?	
	RADON IN WATER	2
Physical Systems: understand the importance of	UNDERSTANDING MARINE	2
ecosystems in people's understanding of	RESOURCES	
environmental issues (con't)		
	WETLANDS, USA - MORE THAN	2
	SWAMPS!	
	SEA MARGIN DIVERSITY	2

(BY STANDARD)			
Standard	Activity	Relation	
	ESTUARIES: INTERFACE BETWEEN SEA AND LAND	2	
	EROSION KILL THE HABITATS THAT	2	
	SWEPT AWAY OR WHERE WILL	1	
	YOU BE WHEN THE WATER COMES?		
Essential Element 4. Human Systems-Standard	9) The characteristics, distribution, and mig	ration of	
human populations on Earth's surface; 10) The ch	aracteristics, distribution, and complexity of	Earth's	
cultural mosaics, 11) The patterns and networks	of economic interdependence on Earth's su	irface.	
	INTERNATIONAL WATER DISPUTES:	1	
Human Systems: understand the increasing	YOU BE THE NEGOTIATOR!		
economic interdependence of the world's countries			
Human Systems: understand why and how	INTERNATIONAL WATER DISPUTES:	2	
cooperation and conflict are involved in shaping	YOU BE THE NEGOTIATOR!		
the distribution of social, political, and economic			
spaces on Earth at different scales			
Human Systems: understand now differing points	WATER WHIZ - A BOARD GAME	2	
of view and self-interests play a role in conflict over			
territory and resources			
	WATER YOU DOING ABOUT THIS?	2	
	ENVIRONMENTAL CONTROVERSY:	2	
	KEEP OUR COMMUNITY BEAUTIFUL!	2	
	INTERNATIONAL WATER DISPUTES:	3	
	YOU BE THE NEGOTIATOR!		
	THERE "OUGHTA" BE A LAW	2	
	UNCLE SAM SAYS, "KEEP IT CLEAN!"	2	
Ferential Flowent F. Environment and Occia	the Othersdavid (1) blow have an entire and the		
Essential Element 5. Environment and Socie	ty- Standard 14) How numan actions modif	y the	
physical environment; 15) How physical systems at	nect numan systems; 16) The changes that	occur in	
the meaning, use, distribution	, and importance of resources.	0	
Frankreinen auf einel Consister um demotor of the mole of	SOURCE WATER PROTECTION:	2	
Environment and Society: understand the role of	Surface Water Sources		
technology in the capacity of the physical			
environment to accommodate human modification			
	SOURCE WATER PROTECTION:	2	
	Groundwater Sources		
Environment and Society: understand the role of	BEST MANAGEMENT PRACTICES FOR	2	
technology in the capacity of the physical	FORESTRY		
environment to accommodate human modification			
(con't)			
	WHAT TURNED THE CREEK ORANGE?	2	

(BY STANDARD)

Standard	Activity	Relation
Environment and Society: understand how to	SOURCE WATER PROTECTION:	2
apply appropriate models and information to understand environmental problems	Surface Water Sources	
	SOURCE WATER PROTECTION:	2
	BEST MANAGEMENT PRACTICES FOR	3
	WHAT TURNED THE CREEK ORANGE?	2
	GROUNDWATER: CLEANING UP	2
	WHAT IS GROUNDWATER POLLUTION DOING TO THE NEIGHBORHOOD?	2
	RADON IN WATER	2
	LANDFILLS AND THE POTENTIAL FOR GROUNDWATER CONTAMINATION	2
	LEAKING UNDERGROUND STORAGE	2
	UNDERSTANDING MARINE	2
	RIVER INPUT INTO THE GULF OF	3
	WETLANDS, USA - MORE THAN	2
	SWEPT AWAY OR WHERE WILL YOU BE WHEN THE WATER COMES?	2
Environment and Society: understand how	WATER, WATER EVERYWHERE	1
changes in the physical environment can diminish its capacity to support human activity		
	A GLOBAL VIEW OF THE WET EARTH	2
	WATER: MORE PRICELESS THAN	2
	WHAT TURNED THE CREEK ORANGE?	2
	FLOW NETS	2
	"HOW WATER PROCESSES MOVE SAND"	2
Environment and Society: understand how	WATER, WATER EVERYWHERE	1
changes in the physical environment can diminish its capacity to support human activity (con't)	A GLOBAL VIEW OF THE WET EARTH	2

(BY STANDARD))
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Standard	Activity	Relation
	WATER: MORE PRICELESS THAN	2
	GOLD	
	WHAT TURNED THE CREEK ORANGE?	2
	FLOW NETS	2
	"HOW WATER PROCESSES MOVE	2
	SAND"	
	ETHICAL DILEMMAS WHAT'S A BODY	3
Environment and Society understand the		0
environment and society. Understand the	FLOODS	2
resource use and management		
	WHAT TURNED THE CREEK ORANGE?	1
	"HOW WATER PROCESSES MOVE	1
	SWEPT AWAY OR WHERE WILL	2
	YOU BE WHEN THE WATER COMES?	_
Environment and Society: understand how the	WATER, WATER EVERYWHERE	1
spatial distribution of resources affects patterns of		
human settlement		
	A GLOBAL VIEW OF THE WET EARTH	2
	WATER: MORE PRICELESS THAN	2
	GOLD	2
	UNDERSTANDING MARINE	2
	RESOURCES	
	EROSION KILL THE HABITATS THAT	2
	FEED YOU!	
Environment and Society: understand how	WATER, WATER EVERYWHERE	2
resource development and use change over time		2
	A GLOBAL VIEW OF THE WET EARTH	2
	WATER WHIZ - A BOARD GAME	2
	WATER: MORE PRICELESS THAN	2
	GOLD	
	WATER YOU DOING ABOUT THIS?	1
	ENVIRONMENTAL CONTROVERSY:	1
	CLASS PROJECT	
	THERE "OUGHTA" BE A LAW	2
Environment and Society: understand how	WAIER, WAIER EVERYWHERE	2
(con't)		
		2
	WATER WHIZ - A BOARD GAME	2

NOTE: NOT ALL STANDARDS ARE MET.

3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity

1-standard is par of focus of activity

(BY STANDARD)			
Standard	Activity	Relation	
	WATER: MORE PRICELESS THAN	2	
	GOLD		
	WATER YOU DOING ABOUT THIS?	1	
	ENVIRONMENTAL CONTROVERSY:	1	
	CLASS PROJECT	-	
	THERE "OUGHTA" BE A LAW	2	
	WHAT IS GROUNDWATER POLLUTION	2	
	DOING TO THE NEIGHBORHOOD?		
	RADON IN WATER	2	
	UNDERSTANDING MARINE	2	
	RESOURCES		
	EROSION KILL THE HABITATS THAT	2	
	FEED YOU!		
Environment and Society: understand the	WATER, WATER EVERYWHERE	3	
geographic results of policies and programs for			
resource use and management			
	WATER: MORE PRICELESS THAN	3	
		0	
	SOURCE WATER PROTECTION:	2	
		2	
	Groundwater Sources	2	
	BEST MANAGEMENT PRACTICES FOR	2	
	FORESTRY	-	
	FLOW NETS	2	
	GROUNDWATER: CLEANING UP	2	
	WHAT IS GROUNDWATER POLLUTION	2	
	DOING TO THE NEIGHBORHOOD?		
		-	
		2	
	LANDFILLS AND THE POTENTIAL FOR	2	
	GROUNDWATER CONTAMINATION		
	LEAKING UNDERGROUND STORAGE	2	
	TANKS	-	
	UNDERSTANDING MARINE	2	
	RESOURCES		
	EROSION KILL THE HABITATS THAT	2	
	FEED YOU!		

Essential Element 6. The Uses of Geography-Standard 17) How to apply geography to interpret the past; 18) How to apply geography to interpret the present and plan for the future.

The Uses of Geography: understand how	WATER, WATER EVERYWHERE	2
different points of view influence the development		
of policies designed to use and manage Earth's		
resources		

NOTE: NOT ALL STANDARDS ARE MET.

3-standard main focus of activity, direct relation to standard 2-standard supported or addressed in activity

(BY STANDARD)

Standard	Activity	Relation
	A GLOBAL VIEW OF THE WET EARTH	2
		2
	WATER WHIZ - A BOARD GAME	2
	GOLD	2
	WATER YOU DOING ABOUT THIS?	2
	ENVIRONMENTAL CONTROVERSY:	2
	CATCH ME IS YOU CAN (TWO WAYS	1
	TO MEASURE STREAM FLOW)	2
	BEST MANAGEMENT PRACTICES FOR	2
	FORESTRY	0
	TO DO2	3
	UNDERSTANDING MARINE	3
	RESOURCES	Ū
	RIVER INPUT INTO THE GULF OF	1
	MEXICO	0
	WEILANDS, USA - MORE THAN	2
The Uses of Geography: contemporary issues in	WATER: MORE PRICELESS THAN	2
the context of spatial and environmental	GOLD	
perspectives		
		2
	RESOURCES	2
	MEXICO	2
	WETLANDS, USA - MORE THAN	1
	SWAMPS!	
The lises of Goography: understand how to use	WATER, WATER EVERYWHERE	2
geographic knowledge, skills, and perspectives to		
analyze problems and make decisions		
	A GLOBAL VIEW OF THE WET EARTH	2
	WATER: MORE PRICELESS THAN	3
	SOURCE WATER PROTECTION	2
The Uses of Geography: understand how to use	Surface Water Sources	2
geographic knowledge, skills, and perspectives to		
analyze problems and make decisions (con't)		
	SOURCE WATER PROTECTION:	2
	BEST MANAGEMENT PRACTICES FOR	2
	FORESTRY	2

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Standard	Activity	Relation
	ETHICAL DILEMMAS WHAT'S A BODY TO DO?	2
	GROUNDWATER: CLEANING UP	2
	WHAT IS GROUNDWATER POLLUTION DOING TO THE NEIGHBORHOOD?	2
	RADON IN WATER LANDFILLS AND THE POTENTIAL FOR GROUNDWATER CONTAMINATION	2 2
	LEAKING UNDERGROUND STORAGE	2
	UNDERSTANDING MARINE RESOURCES	2
	WETLANDS, USA - MORE THAN SWAMPS!	2
	SWEPT AWAY OR WHERE WILL YOU BE WHEN THE WATER COMES?	2

Subject	Activity	QCC Correlation	Relationship to Local Curriculum
Chemistry	Clearly H ₂ O pg. 1-21	6, 11, 15	Chemical Bonding - Covalent Bonding and Molecular Compounds; pH of solutions; liquids
	pH - The First Clue to Water Quality pg. 1-109	11	Concept of pH
	Water Chemistry Checkup	11	Concept of pH, acids, and bases
	Metals Pollution Reduction pg. 2-59	8, 11, 15	Metallic bonding in metals, concept of pH, and properties of liquids
AP Chemistry	Clearly H ₂ O pg. 1-21	1, 8, 11, 16	Bonding and Shapes of Molecules Properties of solutions: Freezing Point Depression Boiling Point Elevation
	pH - The First Clue to Water Quality pg. 1-109	1, 10, 11	Solution Equilibrium Acid/Base Titration Ionization Constant of Water
	Pollutants: How Much Total Or How Much Per Unit of Water pg. 3-53	1, 16	Concentration of Solutions Serial Dilution
Biology	What Are Fecal Coliforms And How Are They Related To Water? 3-63 to 3-70	29.1, 29.2, 29.3, 29.4, 29.5	Unit on the Digestive System
	Surveying The Properties Of Water 1-11 to 1-20	4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6	Unit on Chemistry and Biochemistry
	Clearly Water 1-21 to 1-27	4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6	Unit on Chemistry and Biochemistry
	Risk Assessment: How Much Risk Are You Willing To Take? 1-133 to 1-145	24.1, 24.2, 24.3, 24.4	Unit on Personal Health/Disease
	Simple Test For Microbial Contamination 3-49 to 3-52	24.1, 24.2, 24.3, 24.4	Unit on Personal Health/Disease

QCC CORRELATIONS BY SUBJECT (Grades 9-12) Quality Core Curriculum (QCC)

		I	
	Chlorination For Disinfectant 2-15 to 2-32	24.1, 24.2, 24.3, 24.4	Unit on Personal Health/Disease
	Carbon Treatment For Water Pollution Control 2-9 to 2-14	24.1, 24.2, 24.3, 24.4	Unit on Personal Health/Disease
	The Hydrologic Cycle 1-1	1, 5, 19, 25	Ecology Unit: The Water Cycle and Homeostasis Botany Unit: Plan Transpiration
	Water Whiz: A Board Game 1-55	1, 27	Ecology Unit: Acid Rain, Pollution
	Drinking Water Jeopardy 2-21	1, 16, 20	Diversity of Life: Waterborne Diseases and the Impact Upon Living Organisms
	What is in Source Water 2-65	1, 16, 20	Diversity of Life: Observations of Protists and Microinvertebrates in a Pond Ecosystem
	Simple Test for Microbial Contamination 3-49	1, 15, 16, 17	Diversity of Life: Growth of Virus, Bacteria, Protozoa, and Fungi in Water Samples
	Wetlands - USA - More than Swamps 5-52	1, 26	Ecology Unit: Freshwater Aquatic Biomes
	Estuaries: Interface Between Sea and Land 5-53	1, 26	Ecology: Aquatic Biome
Applied Biology	Clearly H ₂ O 1-21	N/A	Waterbook. Subunit 4
	Water Careers 1-85	N/A	Waterbook. Subunit 1
	Water: More Precious Than Gold 1-91	N/A	Waterbook. Subunit 1
	Water Works 2-1	N/A	Waterbook. Subunit 5
	Groundwater Basics 4-1	N/A	Waterbook. Subunit 2
	Do You Drink It? 4-37	N/A	Waterbook. Subunit 3
	What is Groundwater Pollution Doing to our Neighborhood? 4-77	N/A	Disease and Wellness. Subunit 3
Ecology	Simple Test for Microbial Contamination	1, 35	Water Pollution Unit

	Water Whiz: A Board Game	36	Ground Water Unit
	Water, Water Everywhere	36	Surface Water Unit
	Wetlands, USA	18	Wetlands Unit
	Do You Drink It?	36	Aquifer Unit
Physics	Water Careers 1-85	1.1 - 1.4	Physics Careers
	Environmental Controversy: Class Project 1-105	1.1 - 1.4; 2.1 - 2.6	Science Process and Reasoning Skills
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