

CORRELATION CHAPTER 5 - WETLANDS AND COASTAL WATERS

6-8

	Dilution and Pollution; p. 5-1	Cleaning Oil Spills; p. 5-5	Effects of Lost Salt Marshes; p. 5-11	Let's Go Fishing!; p. 5-19	Pictures, People, and Pollution; p. 5-25	Plastic Waste; p. 5-27	Pollution...Pollution...Pollution; p. 5-31	Salt Tolerance of Plants; p. 5-35	Sea Level Rising; p. 5- 39	Wave Actions; p. 5-45	Role-Playing Game; p. 5-51	Water Filtration; p. 5-57
Mathematics	X	X						X	X			
Biology			X	X	X							
Botany			X					X				
Chemistry	X	X				X	X					X
Earth Science									X	X		
Ecology			X	X		X					X	
Geology												
Health	X											
Microbiology												
Physical Science										X		
Language Arts					X				X			X
Social Studies	X	X				X						
Geography								X	X			
Art					X		X					X
Drama		X									X	

CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY ACTIVITY)

Activity	Performance Objective	Relation
CHAPTER 1 - INTRODUCTION TO WATER		
TRANSPIRATION IN PLANTS	(No correlation to this activity.)	
DESIGN AND CONSTRUCT A TERRARIUM	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	3
AQUATIC FOODS	Production, Distribution, & Consumption: give and explain examples of ways that economic systems structure choices about how goods and services are to be produced and distributed	2
	Production, Distribution, & Consumption: describe a range of examples of the various institutions that make up economic systems such as households, business firms, banks, government agencies, labor unions, and corporations	1
	Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different economic decisions	1
	Production, Distribution, & Consumption: compare basic economic systems according to who determines what is produced, distributed, and consumed	1
	Production, Distribution, & Consumption: use economic concepts to help explain historical and current developments and issues in local, national, or global contexts	2
	Science, Technology, & Society: examine and describe the influence of culture on scientific and technological choices and advancement, such as in transportation, medicine, and warfare	1
	Science, Technology, & Society: show through specific examples how science and technology have changed people's perceptions of the social and natural world, such as in their relationship to the land, animal life, family life, and economic needs, wants, and security	2
ON YOUR MARK, GET SET, EVAPORATE	(No correlation to this activity.)	
ENVIRONMENTAL VEHICLE PLATE MESSAGES	(No correlation to this activity.)	
NUTRIENTS AND WATER QUALITY	(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-standard is part of focus activity

CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)

(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
WATER RESOURCE PROBLEMS: TOO LITTLE WATER	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	3
	People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought	2
WATER RESOURCE PROBLEMS: TOO MUCH WATER	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	3
	People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought	2
WATER CAREER FAIR	Production, Distribution, & Consumption: describe the role of specialization and exchange in the economic process	2
WATER EVAPORTATION	(No correlation to this activity.)	
HOME WATER USE	(No correlation to this activity.)	
WATER METER READER	Individual Development & Identity: describe the ways family, gender, ethnicity, nationality, and institutional affiliations contribute to personal identity	1
	Individual Development & Identity: identify and describe ways regional, ethnic, and national cultures influence individuals' daily lives	1
	Individual Development & Identity: identify and describe the influence of perception, attitudes, values, and beliefs on personal identity	1
CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT		
CONTAMINANT SCAVENGER HUNT	(No correlation to this activity.)	
DESALINATION/ FRESHWATER	(No correlation to this activity.)	
HOW SOFT OR HARD IS YOUR WATER?	(No correlation to this activity.)	
HOW TO TREAT POLLUTED WATER	(No correlation to this activity.)	
LEAKY FAUCET	Individual Development & Identity: identify and describe ways regional, ethnic, and national cultures influence individuals' daily lives	2
LET'S GIVE WATER A TREATMENT	(No correlation to this activity.)	
PURIFYING WATER	Individual Development & Identity: identify and describe ways regional, ethnic, and national cultures influence individuals' daily lives	2

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CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
PURIFYING WATER	Science, Technology, & Society: explain the need for laws and policies to govern scientific and technological applications, such as in the safety and well-being of workers and consumers and the regulation of utilities, radio, and television	2
WATER TREATMENT PLANTS	(No correlation to this activity.)	
PURIFICATION OF WATER	(No correlation to this activity.)	
BACTERIA IN WATER	(No correlation to this activity.)	
INDICATING INSECTS	(No correlation to this activity.)	
WATER POLLUTION SOLUTIONS	(No correlation to this activity.)	
CHAPTER 3- SURFACE WATER RESOURCES		
BIOASSESSMENTS OF STREAMS	(No correlation to this activity.)	
BIOASSESSMENTS OF STREAMS	(No correlation to this activity.)	
CLEANING POINT SOURCE POLLUTION	(No correlation to this activity.)	
COLIFORM BACTERIA AND OYSTERS	(No correlation to this activity.)	
ALGAE GROWTH	(No correlation to this activity.)	
SMALL FRYE	(No correlation to this activity.)	
SURFACE FREEZING	(No correlation to this activity.)	
SURFACE TENSION	(No correlation to this activity.)	
RUNOFF	(No correlation to this activity.)	
THE SHRINKING ANTACID	<p>People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought</p> <p>People, Places, & Environments: propose, compare, and evaluate alternative uses of land and resources in communities, regions, nations, and the world</p> <p>Production, Distribution, & Consumption: use economic reasoning to compare different proposals for dealing with a contemporary social issue such as unemployment, acid rain, or high quality education</p>	2 1 1
USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	People, Places, & Environments: create, interpret, use, and distinguish various representations of the earth, such as maps, globes, and photographs	2

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CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
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(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY (CON'T)	People, Places, & Environments: use appropriate resources, data sources, and geographic tools such as aerial photographs, satellite images, 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: estimate distance, calculate scale, and distinguish other geographic relationships, such as population density and spatial distribution patters	2
	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	2
WHIPPED TOP WATER	(No correlation to this activity.)	
XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	(No correlation to this activity.)	
CHAPTER 4- GROUNDWATER RESOURCES		
DISPOSAL OF OLD PAINT	(No correlation to this activity.)	
CONTAMINATION OF GROUNDWATER	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	2
CONTAMINATION OF GROUNDWATER	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
GROUNDWATER	(No correlation to this activity.)	
INVISIBLE WATER	(No correlation to this activity.)	
PERCOLATION	(No correlation to this activity.)	
POROSITY? PERMEABILITY?	(No correlation to this activity.)	
AQUIFERS AND RECHARGE AREAS	People, Places, & Environments: elaborate mental maps of locales, regions, and the world that demonstrate understanding of relative location, direction, size, and shape People, Places, & Environments: create, interpret, use, and distinguish various representations of the earth, such as maps, globes, and photographs Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different economic decisions	1 3 1

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CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
AQUIFERS AND RECHARGE AREAS (CON'T)	<p>Science, Technology, & Society: show through specific examples how science and technology have changed people's perceptions of the social and natural world, such as in their relationship to the land, animal life, family life, and economic needs, wants, and security</p> <p>Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic</p> <p>Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions</p>	1 2 2
WATER - THROUGH AND THROUGH	(No correlation to this activity.)	
RAIN AND LEACHING	(No correlation to this activity.)	
MAKING DRINKING WATER	(No correlation to this activity.)	
RECHARGE AND DISCHARGE OF GROUNDWATER	(No correlation to this activity.)	
RURAL WASTEWATER	(No correlation to this activity.)	
CHAPTER 5- WETLANDS AND COASTAL WATERS		
DILUTION AND POLLUTION	(No correlation to this activity.)	
CLEANING OIL SPILLS	<p>People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought</p> <p>Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions</p>	2 1
EFFECTS OF LOST SALT MARSHES	(No correlation to this activity.)	
LET'S GO FISHING!	<p>Production, Distribution, & Consumption: give and explain examples of ways that economic systems structure choices about how goods and services are to be produced and distributed</p> <p>Production, Distribution, & Consumption: describe a range of examples of the various institutions that make up economic systems such as households, business firms, banks, government agencies, labor unions, and corporations</p> <p>Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different economic decisions</p> <p>Production, Distribution, & Consumption: compare basic economic systems according to who determines what is produced, distributed, and consumed</p>	2 1 1 1

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WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
LET'S GO FISHING! (CON'T)	Production, Distribution, & Consumption: use economic concepts to help explain historical and current developments and issues in local, national, or global contexts	2
	Science, Technology, & Society: show through specific examples how science and technology have changed people's perceptions of the social and natural world, such as in their relationship to the land, animal life, family life, and economic needs, wants, and security	2
PICTURES, PEOPLE, AND POLLUTION	(No correlation to this activity.)	
PLASTIC WASTE	(No correlation to this activity.)	
POLLUTION...POLLUTION...POLLUTION	(No correlation to this activity.)	
SALT TOLERANCE OF PLANTS	(No correlation to this activity.)	
SEA LEVEL RISING	People, Places, & Environments: create, interpret, use, and distinguish 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 images, 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: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	2
	People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought	2
WAVE ACTIONS	(No correlation to this activity.)	
ROLE-PLAYING GAME	Culture: explain how information and experiences may be interpreted by people from diverse cultural perspectives and frames of reference	2
	Culture: explain why individuals and groups respond differently to their physical social environments and/or changes to them on the basis of shared assumptions, values, and beliefs	2
	Individual Development & Identity: describe personal connections to place - as associated with community, nation, and world	1

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 WATER SOURCEBOOK (6-8)
 (BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
ROLE-PLAYING GAME	Individual Development & Identity: identify and describe ways regional, ethnic, and national cultures influence individuals' daily lives	2
	Civic Ideals & Practices: locate, access, analyze, organize, and apply information about selected public issues - recognizing and explaining multiple points of view	3
WATER FILTRATION	Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic	3
	Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions	1
	Civic Ideals & Practices: analyze the influence of diverse forms of public opinion on the development of public policy and decision-making	2

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CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Unifying Concepts and Processes: Systems, order, and organization	CHAPTER 1- INTRODUCTION TO WATER	
	TRANSPIRATION IN PLANTS	3
	DESIGN AND CONSTRUCT A TERRARIUM	3
	ON YOUR MARK, GET SET, EVAPORATE	3
	NUTRIENTS AND WATER QUALITY	1
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2
	HOME WATER USE	2
	WATER METER READER	2
	CHAPTER 2-CRINKING WATER AND WASTEWATER TREATMENT	
	LET'S GIVE WATER A TREATMENT	2
	PURIFYING WATER	2
	WATER TREATMENT PLANTS	2
	PURIFICATION OF WATER	2
	BACTERIA IN WATER	2
	INDICATING INSECTS	2
	CHAPTER 3- SURFACE WATER RESOURCES	
	BIOASSESSMENTS OF STREAMS	2
	CLEANING POINT SOURCE POLLUTION	2
	COLIFORM BACTERIA AND OYSTERS	2
	ALGAE GROWTH	2
	SMALL FRYE	2
	SURFACE FREEZING	2
	RUNOFF	1
	THE SHRINKING ANTACID	2
	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
	CHAPTER 4- GROUNDWATER RESOURCES	
	GROUNDWATER	2
	RAIN AND LEACHING	1
	MAKING DRINKING WATER	2
	RECHARGE AND DISCHARGE OF GROUNDWATER	1
	RURAL WASTEWATER	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
	EFFECTS OF LOST SALT MARSHES	2
	PICTURES, PEOPLE, AND POLLUTION	1
	SEA LEVEL RISING	1
WAVE ACTIONS	2	
WATER FILTRATION	2	

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CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Unifying Concepts and Processes: Evidence, models, and explanation	CHAPTER 1- INTRODUCTION TO WATER	
	TRANSPIRATION IN PLANTS	3
	DESIGN AND CONSTRUCT A TERRARIUM	3
	AQUATIC FOODS	2
	ON YOUR MARK, GET SET, EVAPORATE	3
	NUTRIENTS AND WATER QUALITY	3
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2
	WATER CAREER FAIR	1
	WATER EVAPORATION	2
	HOME WATER USE	2
	WATER METER READER	2
	CHAPTER 2-CRINKING WATER AND WASTEWATER TREATMENT	
	CONTAMINANT SCAVENGER HUNT	2
	DESALINATION/FRESHWATER	2
	HOW SOFT OR HARD IS YOUR WATER?	2
	HOW TO TREAT POLLUTED WATER	2
	LEAKY FAUCET	2
	LET'S GIVE WATER A TREATMENT	2
	PURIFYING WATER	2
	WATER TREATMENT PLANTS	2
	PURIFICATION OF WATER	2
	BACTERIA IN WATER	2
	INDICATING INSECTS	2
	CHAPTER 3- SURFACE WATER RESOURCES	
	BIOASSESSMENTS OF STREAMS	2
	CLEANING POINT SOURCE POLLUTION	2
	COLIFORM BACTERIA AND OYSTERS	2
	ALGAE GROWTH	2
	SMALL FRYE	2
	SURFACE FREEZING	2
	SURFACE TENSION	2
	RUNOFF	2
THE SHRINKING ANTACID	2	
USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2	
XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	1	

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CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Unifying Concepts and Processes: Evidence, models, and explanation (con't)	CHAPTER 4- GROUNDWATER RESOURCES DISPOSAL OF OLD PAINT	2
	CONTAMINATION OF GROUNDWATER	2
	GROUNDWATER	2
	INVISIBLE WATER	1
	PERCOLATION	2
	POROSITY? PERMEABILITY?	2
	AQUIFIERS AND RECHARGE AREAS	2
	WATER - THROUGH AND THROUGH	2
	RAIN AND LEACHING	2
	MAKING DRINKING WATER	2
	RECHARGE AND DISCHARGE OF GROUNDWATER	2
	CHAPTER 5- WETLANDS AND COASTAL WATERS DILUTION AND POLLUTION	1
	CLEANING OIL SPILLS	1
	EFFECTS OF LOST SALT MARSHES	1
	LET'S GO FISHING!	1
	POLLUTION...POLLUTION...POLLUTION	1
	SALT TOLERANCE OF PLANTS	2
	SEA LEVEL RISING	2
	ROLE-PLAYING GAME	1
	Unifying Concepts and Processes: Constancy, change, and measurement	CHAPTER 1- INTRODUCTION TO WATER TRANSPIRATION IN PLANTS
DESIGN AND CONSTRUCT A TERRARIUM		2
ON YOUR MARK, GET SET, EVAPORATE		2
NUTRIENTS AND WATER QUALITY		2
WATER RESOURCE PROBLEMS: TOO LITTLE WATER		1
WATER RESOURCE PROBLEMS: TOO MUCH WATER		1
WATER EVAPORATION		2
WATER METER READER		2
CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT CONTAMINANT SCAVENGER HUNT		2
DESALINATION/FRESHWATER		2
HOW SOFT OR HARD IS YOUR WATER?		2
HOW TO TREAT POLLUTED WATER		2

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CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Unifying Concepts and Processes: Constancy, change, and measurement (con't)	CHAPTER 3- SURFACE WATER RESOURCES COLIFORM BACTERIA AND OYSTERS	2
	ALGAE GROWTH	2
	SMALL FRYE	2
	SURFACE FREEZING	2
	SURFACE TENSION	2
	RUNOFF	1
	THE SHRINKING ANTACID	2
	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
	CHAPTER 4- GROUNDWATER RESOURCES CONTAMINATION OF GROUNDWATER	1
	RAIN AND LEACHING	1
	MAKING DRINKING WATER	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS DILUTION AND POLLUTION	2
	SEA LEVEL RISING	2
	WAVE ACTIONS	2
	WATER FILTRATION	1
Unifying Concepts and Processes: Evolution and equilibrium	CHAPTER 1- INTRODUCTION TO WATER TRANSPIRATION IN PLANTS	1
	DESIGN AND CONSTRUCT A TERRARIUM	1
	ON YOUR MARK, GET SET, EVAPORATE	1
	HOME WATER USE	1
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT LEAKY FAUCET	1
	WATER TREATMENT PLANTS	1
	INDICATING INSECTS	1
	CHAPTER 3- SURFACE WATER RESOURCES BIOASSESSMENTS OF STREAMS	1
	CLEANING POINT SOURCE POLLUTION	1
	SURFACE FREEZING	2
	RUNOFF	1

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CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation	
Science as Inquiry: develop abilities necessary to do scientific inquiry (con't)	SURFACE TENSION	2	
	RUNOFF	2	
	THE SHRINKING ANTACID	2	
	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2	
	XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	1	
	CHAPTER 4- GROUNDWATER RESOURCES		
	DISPOSAL OF OLD PAINT	2	
	CONTAMINATION OF GROUNDWATER	2	
	GROUNDWATER	2	
	INVISIBLE WATER	1	
	PERCOLATION	2	
	POROSITY? PERMEABILITY?	2	
	AQUIFIERS AND RECHARGE AREAS	2	
	WATER - THROUGH AND THROUGH RAIN AND LEACHING	2	
	MAKING DRINKING WATER	2	
	RECHARGE AND DISCHARGE OF GROUNDWATER	2	
	RURAL WASTEWATER	1	
	CHAPTER 5- WETLANDS AND COASTAL WATERS		
	DILUTION AND POLLUTION	2	
	CLEANING OIL SPILLS	1	
	EFFECTS OF LOST SALT MARSHES	2	
	PLASTIC WASTE	2	
	POLLUTION...POLLUTION...POLLUTION	2	
	SALT TOLERANCE OF PLANTS	3	
	SEA LEVEL RISING	2	
	WAVE ACTIONS	2	
	ROLE-PLAYING GAME	2	
WATER FILTRATION	2		
Science as Inquiry: develop understanding about scientific inquiry	CHAPTER 1- INTRODUCTION TO WATER		
	TRANSPIRATION IN PLANTS	2	
	DESIGN AND CONSTRUCT A TERRARIUM	2	
	ON YOUR MARK, GET SET, EVAPORATE	2	
	NUTRIENTS AND WATER QUALITY	3	
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2	
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2	
	WATER EVAPORATION	1	

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CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

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Standard	Activity	Relation
Science as Inquiry: develop understanding about scientific inquiry (con't)	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	CONTAMINANT SCAVENGER HUNT	2
	DESALINATION/FRESHWATER	2
	HOW SOFT OR HARD IS YOUR WATER?	2
	HOW TO TREAT POLLUTED WATER	2
	LEAKY FAUCET	2
	BACTERIA IN WATER	2
	INDICATING INSECTS	2
	WATER POLLUTION SOLUTIONS	2
	CHAPTER 3- SURFACE WATER RESOURCES	
	BIOASSESSMENTS OF STREAMS	2
	CLEANING POINT SOURCE POLLUTION	2
	COLIFORM BACTERIA AND OYSTERS	2
	ALGAE GROWTH	2
	SMALL FRYE	2
	SURFACE FREEZING	2
	SURFACE TENSION	2
	RUNOFF	1
	THE SHRINKING ANTACID	2
	CHAPTER 4- GROUNDWATER RESOURCES	
	RAIN AND LEACHING	1
	MAKING DRINKING WATER	2
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
DILUTION AND POLLUTION	2	
SALT TOLERANCE OF PLANTS	3	
WATER FILTRATION	2	
Physical Science: develop an understanding of properties and changes of properties in matter	CHAPTER 1- INTRODUCTION TO WATER	
	TRANSPIRATION IN PLANTS	1
	DESIGN AND CONSTRUCT A TERRARIUM	2
	ON YOUR MARK, GET SET, EVAPORATE	2
	NUTRIENTS AND WATER QUALITY	2
	WATER EVAPORATION	3
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	CONTAMINANT SCAVENGER HUNT	1
	DESALINATION/FRESHWATER	2
	HOW SOFT OR HARD IS YOUR WATER?	3
	HOW TO TREAT POLLUTED WATER	3

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CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Physical Science: develop an understanding of properties and changes of properties in matter (con't)	LET'S GIVE WATER A TREATMENT	1
	PURIFYING WATER	1
	PURIFICATION OF WATER	1
	CHAPTER 3- SURFACE WATER RESOURCES	
	CLEANING POINT SOURCE POLLUTION	2
	SURFACE FREEZING	3
	SURFACE TENSION	3
	THE SHRINKING ANTACID	3
	CHAPTER 4- GROUNDWATER RESOURCES	
	DISPOSAL OF OLD PAINT	2
	INVISIBLE WATER	1
	PERCOLATION	1
	POROSITY? PERMEABILITY?	1
	AQUIFIERS AND RECHARGE AREAS	1
	RAIN AND LEACHING	1
	MAKING DRINKING WATER	2
	RECHARGE AND DISCHARGE OF GROUNDWATER	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
DILUTION AND POLLUTION	2	
CLEANING OIL SPILLS	1	
PLASTIC WASTE	1	
POLLUTION...POLLUTION...POLLUTION	2	
WATER FILTRATION	2	
Physical Science: develop an understanding of motions and forces	CHAPTER 3- SURFACE WATER RESOURCES	
	SURFACE FREEZING	3
	RUNOFF	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
WAVE ACTIONS	2	
Physical Science: develop an understanding of transfer of energy	CHAPTER 1- INTRODUCTION TO WATER	
	TRANSPIRATION IN PLANTS	1
	DESIGN AND CONSTRUCT A TERRARIUM	1
	WATER EVAPORATION	1
ON YOUR MARK, GET SET, EVAPORATE	1	
Life Science: develop understanding of structure and function in living systems	CHAPTER 1- INTRODUCTION TO WATER	
	TRANSPIRATION IN PLANTS	3
	NUTRIENTS AND WATER QUALITY	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

CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Life Science: develop understanding of structure and function in living systems (con't)	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	3
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	3
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	WATER TREATMENT PLANTS	1
	BACTERIA IN WATER	2
	CHAPTER 3- SURFACE WATER RESOURCES	
	COLIFORM BACTERIA AND OYSTERS	3
	ALGAE GROWTH	3
	SMALL FRYE	3
	CHAPTER 4- GROUNDWATER RESOURCES	
	RURAL WASTEWATER	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
	EFFECTS OF LOST SALT MARSHES	2
	LET'S GO FISHING!	2
SALT TOLERANCE OF PLANTS	1	
Life Science: develop an understanding of Earth's history	CHAPTER 1- INTRODUCTION TO WATER DESIGN AND CONSTRUCT A TERRARIUM	3
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT BACTERIA IN WATER	1
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT BACTERIA IN WATER	1
Life Science: develop understanding of regulation and behavior	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT BACTERIA IN WATER	1
	INDICATING INSECTS	2
	CHAPTER 3- SURFACE WATER RESOURCES BIOASSESSMENTS OF STREAMS	2
	CHAPTER 3- SURFACE WATER RESOURCES BIOASSESSMENTS OF STREAMS	2
Life Science: develop understanding of populations and ecosystems	CHAPTER 1- INTRODUCTION TO WATER AQUATIC FOODS	2
	NUTRIENTS AND WATER QUALITY	1
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	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

CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Life Science: develop understanding of populations and ecosystems (con't)	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	BACTERIA IN WATER	2
	INDICATING INSECTS	3
	CHAPTER 3- SURFACE WATER RESOURCES	
	BIOASSESSMENTS OF STREAMS	3
	COLIFORM BACTERIA AND OYSTERS	3
	ALGAE GROWTH	3
	SMALL FRYE	3
	XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	2
	CHAPTER 4- GROUNDWATER RESOURCES	
	CONTAMINATION OF GROUNDWATER	1
	CLEANING OIL SPILLS	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
	EFFECTS OF LOST SALT MARSHES	2
	LET'S GO FISHING!	2
	PICTURES, PEOPLE, AND POLLUTION	1
SALT TOLERANCE OF PLANTS	1	
WAVE ACTIONS	1	
Life Science: develop understanding of diversity and adaptations of organisms	CHAPTER 1- INTRODUCTION TO WATER	
	TRANSPIRATION IN PLANTS	3
	DESIGN AND CONSTRUCT A TERRARIUM	2
	AQUATIC FOODS	1
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2
	HOME WATER USE	1
	WATER METER READER	1
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	WATER TREATMENT PLANTS	2
	BACTERIA IN WATER	2
	INDICATING INSECTS	2
	CHAPTER 3- SURFACE WATER RESOURCES	
	BIOASSESSMENTS OF STREAMS	2
	COLIFORM BACTERIA AND OYSTERS	3
	ALGAE GROWTH	3

RELATIONSHIP:

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

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1-standard is part of focus activity

CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Life Science: develop understanding of diversity and adaptations of organisms (con't)	SMALL FRYE	3
	XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	2
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
	EFFECTS OF LOST SALT MARSHES	3
	SALT TOLERANCE OF PLANTS	2
Earth and Space Science: develop understanding of structure of the earth system	CHAPTER 1- INTRODUCTION TO WATER	
	TRANSPIRATION IN PLANTS	2
	DESIGN AND CONSTRUCT A TERRARIUM	2
	NUTRIENTS AND WATER QUALITY	1
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2
	WATER CAREER FAIR	2
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	HOW SOFT OR HARD IS YOUR WATER?	1
	HOW TO TREAT POLLUTED WATER	1
	CHAPTER 3- SURFACE WATER RESOURCES	
	RUNOFF	2
	THE SHRINKING ANTACID	2
	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
	XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	1
	CHAPTER 4- GROUNDWATER RESOURCES	
	CONTAMINATION OF GROUNDWATER	2
	GROUNDWATER	2
	INVISIBLE WATER	2
	PERCOLATION	2
	POROSITY? PERMEABILITY?	2
	AQUIFIERS AND RECHARGE AREAS	2
	WATER - THROUGH AND THROUGH RAIN AND LEACHING	2
RECHARGE AND DISCHARGE OF GROUNDWATER	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

CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Earth and Space Science: develop understanding of structure of the earth system (con't)	CHAPTER 5- WETLANDS AND COASTAL WATERS	
	SEA LEVEL RISING WAVE ACTIONS	2 2
Earth and Space Science: develop an understanding of earth's history	CHAPTER 3- SURFACE WATER RESOURCES	
	RUNOFF	1
	CHAPTER 4- GROUNDWATER RESOURCES INVISIBLE WATER RECHARGE AND DISCHARGE OF GROUNDWATER	2 1
Earth and Space Science: develop an understanding of earth in the solar system	CHAPTER 3- SURFACE WATER RESOURCES	
	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	1
	CHAPTER 4- GROUNDWATER RESOURCES	
	PERCOLATION	2
	POROSITY? PERMEABILITY?	2
	AQUIFIERS AND RECHARGE AREAS	2
Science and Technology: develop abilities of technological design	WATER - THROUGH AND THROUGH RAIN AND LEACHING	2 1
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	HOW SOFT OR HARD IS YOUR WATER?	1
	LET'S GIVE WATER A TREATMENT	1
	PURIFYING WATER	1
	PURIFICATION OF WATER	2
	CHAPTER 3- SURFACE WATER RESOURCES	
	XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	1
	CHAPTER 4- GROUNDWATER RESOURCES	
	DISPOSAL OF OLD PAINT	1
	CONTAMINATION OF GROUNDWATER	1
	AQUIFIERS AND RECHARGE AREAS	1
MAKING DRINKING WATER	1	
CHAPTER 5- WETLANDS AND COASTAL WATERS		
CLEANING OIL SPILLS	1	
WATER FILTRATION	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

CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Science and Technology: develop understandings about science and technology	CHAPTER 1- INTRODUCTION TO WATER	
	NUTRIENTS AND WATER QUALITY	1
	WATER CAREER FAIR	2
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	DESALINATION/FRESHWATER	2
	LEAKY FAUCET	2
	LET'S GIVE WATER A TREATMENT	2
	PURIFYING WATER	2
	PURIFICATION OF WATER	2
	CHAPTER 3- SURFACE WATER RESOURCES	
	CLEANING POINT SOURCE POLLUTION	2
	XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	1
	CHAPTER 4- GROUNDWATER RESOURCES	
	DISPOSAL OF OLD PAINT	2
	AQUIFIERS AND RECHARGE AREAS	2
	MAKING DRINKING WATER	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
CLEANING OIL SPILLS	2	
PLASTIC WASTE	1	
WATER FILTRATION	2	
Science in Personal and Social Perspectives: develop understanding of personal health	CHAPTER 1- INTRODUCTION TO WATER	
	AQUATIC FOODS	1
	NUTRIENTS AND WATER QUALITY	1
	LET'S GIVE WATER A TREATMENT	1
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	PURIFYING WATER	1
	PURIFICATION OF WATER	1
	BACTERIA IN WATER	1
	CHAPTER 4- GROUNDWATER RESOURCES	
	MAKING DRINKING WATER	1
	RURAL WASTEWATER	2
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
DILUTION AND POLLUTION	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

CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Science in Personal and Social Perspectives: develop understanding of characteristics and changes in populations	CHAPTER 4- GROUNDWATER RESOURCES CONTAMINATION OF GROUNDWATER	2
Science in Personal and Social Perspectives: develop understanding of science and technology in society	CHAPTER 1- INTRODUCTION TO WATER AQUATIC FOODS	2
	NUTRIENTS AND WATER QUALITY	2
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	1
	HOME WATER USE	2
	WATER METER READER	1
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT CONTAMINANT SCAVENGER HUNT	3
	LEAKY FAUCET	2
	LET'S GIVE WATER A TREATMENT	2
	PURIFYING WATER	2
	PURIFICATION OF WATER	2
	BACTERIA IN WATER	2
	CHAPTER 3- SURFACE WATER RESOURCES CLEANING POINT SOURCE POLLUTION	2
	CHAPTER 4- GROUNDWATER RESOURCES DISPOSAL OF OLD PAINT	1
	CONTAMINATION OF GROUNDWATER	2
	MAKING DRINKING WATER	2
	CHAPTER 5- WETLANDS AND COASTAL WATERS CLEANING OIL SPILLS	2
	PICTURES, PEOPLE, AND POLLUTION	2
PLASTIC WASTE	2	
POLLUTION...POLLUTION...POLLUTION	2	
ROLE-PLAYING GAME	3	
Science in Personal and Social Perspectives: develop understanding of natural hazards	CHAPTER 1- INTRODUCTION TO WATER NUTRIENTS AND WATER QUALITY	2
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT CONTAMINANT SCAVENGER HUNT	3
	HOW SOFT OR HARD IS YOUR WATER?	1
	HOW TO TREAT POLLUTED WATER	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

CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Science in Personal and Social Perspectives: develop understanding of natural hazards ((con't))	LET'S GIVE WATER A TREATMENT	2
	PURIFYING WATER	2
	PURIFICATION OF WATER	2
	BACTERIA IN WATER	2
	CHAPTER 4- GROUNDWATER RESOURCES	
	DISPOSAL OF OLD PAINT	1
	CONTAMINATION OF GROUNDWATER	2
	RURAL WASTEWATER	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
	CLEANING OIL SPILLS	1
	PICTURES, PEOPLE, AND POLLUTION	1
	PLASTIC WASTE	1
	SEA LEVEL RISING	2
Science in Personal and Social Perspectives: develop understanding of risks and benefits	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	LET'S GIVE WATER A TREATMENT	2
	PURIFYING WATER	1
	PURIFICATION OF WATER	2
	BACTERIA IN WATER	1
	WATER POLLUTION SOLUTIONS	2
	CHAPTER 4- GROUNDWATER RESOURCES	
	DISPOSAL OF OLD PAINT	2
	CONTAMINATION OF GROUNDWATER	2
	MAKING DRINKING WATER	1
	RURAL WASTEWATER	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
	DILUTION AND POLLUTION	1
CLEANING OIL SPILLS	1	
PICTURES, PEOPLE, AND POLLUTION	1	
PLASTIC WASTE	1	
Science in Personal and Social Perspectives: develop understanding of science and technology in society	CHAPTER 1- INTRODUCTION TO WATER	
	AQUATIC FOODS	2
	WATER CAREER FAIR	2
	HOME WATER USE	1
	WATER METER READER	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

CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
Science in Personal and Social Perspectives: develop understanding of science and technology in society (con't)	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	CONTAMINANT SCAVENGER HUNT	1
	DESALINATION/FRESHWATER	1
	LEAKY FAUCET	2
	LET'S GIVE WATER A TREATMENT	2
	PURIFYING WATER	3
	PURIFICATION OF WATER	2
	WATER POLLUTION SOLUTIONS	2
	CHAPTER 3- SURFACE WATER RESOURCES	
	CLEANING POINT SOURCE POLLUTION	2
	XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	2
	CHAPTER 4- GROUNDWATER RESOURCES	
	DISPOSAL OF OLD PAINT	2
	CONTAMINATION OF GROUNDWATER	2
	AQUIFIERS AND RECHARGE AREAS	2
	MAKING DRINKING WATER	3
	RURAL WASTEWATER	3
	CHAPTER 5- WETLANDS AND COASTAL WATERS	
	DILUTION AND POLLUTION	1
	CLEANING OIL SPILLS	2
LET'S GO FISHING!	1	
PLASTIC WASTE	2	
ROLE-PLAYING GAME	2	
WATER FILTRATION	3	
History and Nature of Science: develop understanding of science as a human endeavor	CHAPTER 1- INTRODUCTION TO WATER	
	AQUATIC FOODS	1
	WATER CAREER FAIR	2
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT	
	DESALINATION/FRESHWATER	1
	LEAKY FAUCET	1
	LET'S GIVE WATER A TREATMENT	1
	PURIFYING WATER	2
	PURIFICATION OF WATER	1
	WATER POLLUTION SOLUTIONS	1
	CHAPTER 3- SURFACE WATER RESOURCES	
	CLEANING POINT SOURCE POLLUTION	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

CORRELATION OF NATIONAL SCIENCE STANDARDS TO WATER SOURCEBOOK

(BY STANDARD)

Standard	Activity	Relation
History and Nature of Science: develop understanding of science as a human endeavor (con't)	CHAPTER 4- GROUNDWATER RESOURCES MAKING DRINKING WATER	1
	CHAPTER 5- WETLANDS AND COASTAL WATERS LET'S GO FISHING!	2
	ROLE-PLAYING GAME	1
	WATER FILTRATION	1
History and Nature of Science: develop understanding of nature of science	CHAPTER 1- INTRODUCTION TO WATER WATER CAREER FAIR	2
	CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT DESALINATION/FRESHWATER	1
	CHAPTER 4- GROUNDWATER RESOURCES MAKING DRINKING WATER	2
	(Empty cell)	

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

CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY ACTIVITY)

Activity	Performance Objective	Relation
CHAPTER 1 - INTRODUCTION TO WATER		
TRANSPIRATION IN PLANTS	(No correlation to this activity.)	
DESIGN AND CONSTRUCT A TERRARIUM	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	3
AQUATIC FOODS	Production, Distribution, & Consumption: give and explain examples of ways that economic systems structure choices about how goods and services are to be produced and distributed	2
	Production, Distribution, & Consumption: describe a range of examples of the various institutions that make up economic systems such as households, business firms, banks, government agencies, labor unions, and corporations	1
	Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different economic decisions	1
	Production, Distribution, & Consumption: compare basic economic systems according to who determines what is produced, distributed, and consumed	1
	Production, Distribution, & Consumption: use economic concepts to help explain historical and current developments and issues in local, national, or global contexts	2
	Science, Technology, & Society: examine and describe the influence of culture on scientific and technological choices and advancement, such as in transportation, medicine, and warfare	1
	Science, Technology, & Society: show through specific examples how science and technology have changed people's perceptions of the social and natural world, such as in their relationship to the land, animal life, family life, and economic needs, wants, and security	2
ON YOUR MARK, GET SET, EVAPORATE	(No correlation to this activity.)	
ENVIRONMENTAL VEHICLE PLATE MESSAGES	(No correlation to this activity.)	
NUTRIENTS AND WATER QUALITY	(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-standard is part of focus activity

CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)

(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
WATER RESOURCE PROBLEMS: TOO LITTLE WATER	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	3
	People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought	2
WATER RESOURCE PROBLEMS: TOO MUCH WATER	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	3
	People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought	2
WATER CAREER FAIR	Production, Distribution, & Consumption: describe the role of specialization and exchange in the economic process	2
WATER EVAPORTATION	(No correlation to this activity.)	
HOME WATER USE	(No correlation to this activity.)	
WATER METER READER	Individual Development & Identity: describe the ways family, gender, ethnicity, nationality, and institutional affiliations contribute to personal identity	1
	Individual Development & Identity: identify and describe ways regional, ethnic, and national cultures influence individuals' daily lives	1
	Individual Development & Identity: identify and describe the influence of perception, attitudes, values, and beliefs on personal identity	1
CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT		
CONTAMINANT SCAVENGER HUNT	(No correlation to this activity.)	
DESALINATION/ FRESHWATER	(No correlation to this activity.)	
HOW SOFT OR HARD IS YOUR WATER?	(No correlation to this activity.)	
HOW TO TREAT POLLUTED WATER	(No correlation to this activity.)	
LEAKY FAUCET	Individual Development & Identity: identify and describe ways regional, ethnic, and national cultures influence individuals' daily lives	2
LET'S GIVE WATER A TREATMENT	(No correlation to this activity.)	
PURIFYING WATER	Individual Development & Identity: identify and describe ways regional, ethnic, and national cultures influence individuals' daily lives	2

RELATIONSHIP:

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

2-objective supported or addressed in activity

1-standard is part of focus activity

CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
PURIFYING WATER	Science, Technology, & Society: explain the need for laws and policies to govern scientific and technological applications, such as in the safety and well-being of workers and consumers and the regulation of utilities, radio, and television	2
WATER TREATMENT PLANTS	(No correlation to this activity.)	
PURIFICATION OF WATER	(No correlation to this activity.)	
BACTERIA IN WATER	(No correlation to this activity.)	
INDICATING INSECTS	(No correlation to this activity.)	
WATER POLLUTION SOLUTIONS	(No correlation to this activity.)	
CHAPTER 3- SURFACE WATER RESOURCES		
BIOASSESSMENTS OF STREAMS	(No correlation to this activity.)	
BIOASSESSMENTS OF STREAMS	(No correlation to this activity.)	
CLEANING POINT SOURCE POLLUTION	(No correlation to this activity.)	
COLIFORM BACTERIA AND OYSTERS	(No correlation to this activity.)	
ALGAE GROWTH	(No correlation to this activity.)	
SMALL FRYE	(No correlation to this activity.)	
SURFACE FREEZING	(No correlation to this activity.)	
SURFACE TENSION	(No correlation to this activity.)	
RUNOFF	(No correlation to this activity.)	
THE SHRINKING ANTACID	<p>People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought</p> <p>People, Places, & Environments: propose, compare, and evaluate alternative uses of land and resources in communities, regions, nations, and the world</p> <p>Production, Distribution, & Consumption: use economic reasoning to compare different proposals for dealing with a contemporary social issue such as unemployment, acid rain, or high quality education</p>	2 1 1
USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	People, Places, & Environments: create, interpret, use, and distinguish various representations of the earth, such as maps, globes, and photographs	2

RELATIONSHIP:

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

2-objective supported or addressed in activity

1-standard is part of focus activity

CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY (CON'T)	People, Places, & Environments: use appropriate resources, data sources, and geographic tools such as aerial photographs, satellite images, 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: estimate distance, calculate scale, and distinguish other geographic relationships, such as population density and spatial distribution patters	2
	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	2
WHIPPED TOP WATER	(No correlation to this activity.)	
XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	(No correlation to this activity.)	
CHAPTER 4- GROUNDWATER RESOURCES		
DISPOSAL OF OLD PAINT	(No correlation to this activity.)	
CONTAMINATION OF GROUNDWATER	People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	2
CONTAMINATION OF GROUNDWATER	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
GROUNDWATER	(No correlation to this activity.)	
INVISIBLE WATER	(No correlation to this activity.)	
PERCOLATION	(No correlation to this activity.)	
POROSITY? PERMEABILITY?	(No correlation to this activity.)	
AQUIFERS AND RECHARGE AREAS	People, Places, & Environments: elaborate mental maps of locales, regions, and the world that demonstrate understanding of relative location, direction, size, and shape People, Places, & Environments: create, interpret, use, and distinguish various representations of the earth, such as maps, globes, and photographs Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different economic decisions	1 3 1

RELATIONSHIP:

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

2-objective supported or addressed in activity

1-standard is part of focus activity

CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
AQUIFERS AND RECHARGE AREAS (CON'T)	<p>Science, Technology, & Society: show through specific examples how science and technology have changed people's perceptions of the social and natural world, such as in their relationship to the land, animal life, family life, and economic needs, wants, and security</p> <p>Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic</p> <p>Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions</p>	1 2 2
WATER - THROUGH AND THROUGH	(No correlation to this activity.)	
RAIN AND LEACHING	(No correlation to this activity.)	
MAKING DRINKING WATER	(No correlation to this activity.)	
RECHARGE AND DISCHARGE OF GROUNDWATER	(No correlation to this activity.)	
RURAL WASTEWATER	(No correlation to this activity.)	
CHAPTER 5- WETLANDS AND COASTAL WATERS		
DILUTION AND POLLUTION	(No correlation to this activity.)	
CLEANING OIL SPILLS	<p>People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought</p> <p>Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions</p>	2 1
EFFECTS OF LOST SALT MARSHES	(No correlation to this activity.)	
LET'S GO FISHING!	<p>Production, Distribution, & Consumption: give and explain examples of ways that economic systems structure choices about how goods and services are to be produced and distributed</p> <p>Production, Distribution, & Consumption: describe a range of examples of the various institutions that make up economic systems such as households, business firms, banks, government agencies, labor unions, and corporations</p> <p>Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different economic decisions</p> <p>Production, Distribution, & Consumption: compare basic economic systems according to who determines what is produced, distributed, and consumed</p>	2 1 1 1

RELATIONSHIP:

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

CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
LET'S GO FISHING! (CON'T)	Production, Distribution, & Consumption: use economic concepts to help explain historical and current developments and issues in local, national, or global contexts	2
	Science, Technology, & Society: show through specific examples how science and technology have changed people's perceptions of the social and natural world, such as in their relationship to the land, animal life, family life, and economic needs, wants, and security	2
PICTURES, PEOPLE, AND POLLUTION	(No correlation to this activity.)	
PLASTIC WASTE	(No correlation to this activity.)	
POLLUTION...POLLUTION...POLLUTION	(No correlation to this activity.)	
SALT TOLERANCE OF PLANTS	(No correlation to this activity.)	
SEA LEVEL RISING	People, Places, & Environments: create, interpret, use, and distinguish 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 images, 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: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	2
	People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought	2
WAVE ACTIONS	(No correlation to this activity.)	
ROLE-PLAYING GAME	Culture: explain how information and experiences may be interpreted by people from diverse cultural perspectives and frames of reference	2
	Culture: explain why individuals and groups respond differently to their physical social environments and/or changes to them on the basis of shared assumptions, values, and beliefs	2
	Individual Development & Identity: describe personal connections to place - as associated with community, nation, and world	1

RELATIONSHIP:

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

CORRELATION OF NATIONAL SOCIAL STUDIES STANDARDS TO
 WATER SOURCEBOOK (6-8)
 (BY PERFORMANCE OBJECTIVE)

Activity	Performance Objective	Relation
ROLE-PLAYING GAME	Individual Development & Identity: identify and describe ways regional, ethnic, and national cultures influence individuals' daily lives	2
	Civic Ideals & Practices: locate, access, analyze, organize, and apply information about selected public issues - recognizing and explaining multiple points of view	3
WATER FILTRATION	Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic	3
	Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions	1
	Civic Ideals & Practices: analyze the influence of diverse forms of public opinion on the development of public policy and decision-making	2

RELATIONSHIP:

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

CORRELATION OF NATION SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Performance Objective	Objective	Relation
Culture- Social studies programs should include experiences that provide for the study of <i>culture and cultural diversity</i> , so that the learner can:		
Culture: explain how information and experiences may be interpreted by people from diverse cultural perspectives and frames of reference	ROLE-PLAYING GAME	2
Culture: explain why individuals and groups respond differently to their physical social environments and/or changes to them on the basis of shared assumptions, values, and beliefs	ROLE-PLAYING GAME	2
People, Places, & Environments: Social studies programs should include experiences that provide for the study of <i>people, places, and environments</i> , so that the learner can:		
People, Places, & Environments: elaborate mental maps of locales, regions, and the world that demonstrate understanding of relative location, direction, size, and shape	AQUIFERS AND RECHARGE AREAS	1
People, Places, & Environments: create, interpret, use, and distinguish various representations of the earth, such as maps, globes, and photographs	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
	AQUIFERS AND RECHARGE AREAS	3
	SEA LEVEL RISING	1
People, Places, & Environments: use appropriate resources, data sources, and geographic tools such as aerial photographs, satellite images, 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	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
	SEA LEVEL RISING	2
People, Places, & Environments: estimate distance, calculate scale, and distinguish other geographic relationships, such as population density and spatial distribution patters	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	DESIGN AND CONSTRUCT A TERRARIUM	3
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	3
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	3

NOTE: NOT ALL PERFORMANCE EXPECTATION ARE MET.

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

2-objective supported or addressed in activity

1-performance is a part of focus of activity

CORRELATION OF NATION SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Performance Objective	Objective	Relation
People, Places, & Environments: describe physical system changes such as seasons, climate and weather, and the water cycle and identify geographic patterns associated with them	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
	CONTAMINATION OF GROUNDWATER	2
	SEA LEVEL RISING	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	CONTAMINATION OF GROUNDWATER	2
People, Places, & Environments: observe and speculate about social and economic effects of environmental changes and crises resulting from phenomena such as floods, storms, and drought	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2
	THE SHRINKING ANTACID	2
	CLEANING OIL SPILLS	2
	SEA LEVEL RISING	2
People, Places, & Environments: propose, compare, and evaluate alternative uses of land and resources in communities, regions, nations, and the world	THE SHRINKING ANTACID	1
Individual Development & Identity- Social studies programs should include experiences that provide for the study of <i>individual development and identity</i> , so that the learner can:		
Individual Development & Identity: describe personal connections to place - as associated with community, nation, and world	ROLE-PLAYING GAME	1
Individual Development & Identity: describe the ways family, gender, ethnicity, nationality, and institutional affiliations contribute to personal identity	WATER METER READER	1
Individual Development & Identity: identify and describe ways regional, ethnic, and national cultures influence individuals' daily lives	WATER METER READER	1
	LEAKY FAUCET	2
	PURIFYING WATER	2
	ROLE-PLAYING GAME	2
Individual Development & Identity: identify and describe the influence of perception, attitudes, values, and beliefs on personal identity	WATER METER READER	1
	LEAKY FAUCET	2

NOTE: NOT ALL PERFORMANCE EXPECTATION ARE MET.

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

2-objective supported or addressed in activity

1-performance is a part of focus of activity

CORRELATION OF NATION SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Performance Objective	Objective	Relation
<i>Production, Distribution, & Consumption</i> -Social studies programs should include experiences that provide for the study of <i>how people organize for the production, distribution, and consumption of goods and services</i> , so that the learner can:		
Production, Distribution, & Consumption: give and explain examples of ways that economic systems structure choices about how goods and services are to be produced and distributed	AQUATIC FOODS	2
	LET'S GO FISHING!	2
Production, Distribution, & Consumption: describe a range of examples of the various institutions that make up economic systems such as households, business firms, banks, government agencies, labor unions, and corporations	AQUATIC FOODS	1
	LET'S GO FISHING!	1
Production, Distribution, & Consumption: describe the role of specialization and exchange in the economic process	WATER CAREER FAIR	2
Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different economic decisions	AQUATIC FOODS	1
	AQUIFERS AND RECHARGE AREAS	1
	LET'S GO FISHING!	1
Production, Distribution, & Consumption: compare basic economic systems according to who determines what is produced, distributed, and consumed	AQUATIC FOODS	1
	LET'S GO FISHING!	1
Production, Distribution, & Consumption: use economic concepts to help explain historical and current developments and issues in local, national, or global contexts	AQUATIC FOODS	2
	LET'S GO FISHING!	2
Production, Distribution, & Consumption: use economic reasoning to compare different proposals for dealing with a contemporary social issue such as unemployment, acid rain, or high quality education	THE SHRINKING ANTACID	1
<i>Science, Technology, & Society</i> -Social studies programs should include experiences that provide for the study of <i>relationships among science, technology, and society</i> , so that the learner can:		
Science, Technology, & Society: examine and describe the influence of culture on scientific and technological choices and advancement, such as in transportation, medicine, and warfare	AQUATIC FOODS	1

NOTE: NOT ALL PERFORMANCE EXPECTATION ARE MET.

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

2-objective supported or addressed in activity

1-performance is a part of focus of activity

CORRELATION OF NATION SOCIAL STUDIES STANDARDS TO
WATER SOURCEBOOK (6-8)
(BY PERFORMANCE OBJECTIVE)

Performance Objective	Objective	Relation
	LET'S GO FISHING!	1
Science, Technology, & Society: show through specific examples how science and technology have changed people's perceptions of the social and natural world, such as in their relationship to the land, animal life, family life, and economic needs, wants, and security	AQUATIC FOODS	2
	AQUIFERS AND RECHARGE AREAS	1
	LET'S GO FISHING!	2
Science, Technology, & Society: explain the need for laws and policies to govern scientific and technological applications, such as in the safety and well-being of workers and consumers and the regulation of utilities, radio, and television	PURIFYING WATER	2
<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 democratic republic</i> , so that the learner can:		
Civic Ideals & Practices: locate, access, analyze, organize, and apply information about selected public issues - recognizing and explaining multiple points of view	ROLE-PLAYING GAME	3
Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic	AQUIFERS AND RECHARGE AREAS	2
	WATER FILTRATION	3
Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions	AQUIFERS AND RECHARGE AREAS	2
	CLEANING OIL SPILLS	1
	WATER FILTRATION	1
Civic Ideals & Practices: analyze the influence of diverse forms of public opinion on the development of public policy and decision-making	WATER FILTRATION	2

NOTE: NOT ALL PERFORMANCE EXPECTATION ARE MET.

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

2-objective supported or addressed in activity

1-performance is a part of focus of activity

**CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
THE WATER SOURCEBOOK (6-8)
(BY ACTIVITY)**

Activity	Standard	Relation
CHAPTER 1- INTRODUCTION TO WATER		
TRANSPIRATION IN PLANTS	(No correlation to this activity.)	
DESIGN AND CONSTRUCT A TERRARIUM	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how Earth-Sun relationships affect physical process and patterns on earth	3
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	1
AQUATIC FOODS	(No correlation to this activity.)	
ON YOUR MARK, GET SET, EVAPORATE	(No correlation to this activity.)	
ENVIRONMENTAL VEHICLE PLATE MESSAGES	(No correlation to this activity.)	
NUTRIENTS AND WATER QUALITY	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	2
	Physical Systems: understand how human activities influence changes in ecosystems	3
	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	Environment and Society: understand human responses to variations in physical systems	2
	Environment and Society: understand how technology affects the definition of, access to, and use of resources	1
WATER RESOURCE PROBLEMS: TOO LITTLE WATER	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	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

CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
 THE WATER SOURCEBOOK (6-8)
 (BY ACTIVITY)

Activity	Standard	Relation
	Environment and Society: understand the fundamental role of energy resources in society	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

CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY ACTIVITY)

Activity	Standard	Relation
WATER RESOURCE PROBLEMS: TOO MUCH WATER	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	2
	Environment and Society: understand how natural hazards affect human activities	3
	Environment and Society: understand the fundamental role of energy resources in society	1
HOME EVAPORATION	(No correlation to this activity.)	
HOME WATER USE	Environment and Society: understand why people have different viewpoints regarding resource use	2
	Environment and Society: understand how technology affects the definition of, access to, and use of resources	1
	Environment and Society: understand the fundamental role of energy resources in society	2
WATER METER READER	Environment and Society: understand why people have different viewpoints regarding resource use	2
	Environment and Society: understand how technology affects the definition of, access to, and use of resources	1
	Environment and Society: understand the fundamental role of energy resources in society	2
WATER EVAPORATION	(No correlation to this activity.)	
CHAPTER 2- DRINKING WATER AND WASTEWATER TREATMENT		
CONTAMINANT SCAVENGER HUNT	Physical Systems: understand how physical processes produce changes in ecosystems	2
	Physical Systems: understand how human activities influence changes in ecosystems	2
	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
DESALINATION/FRESHWATER	Environment and Society: understand human responses to variations in physical systems	2
	(No correlation to this activity.)	

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

CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY ACTIVITY)

Activity	Standard	Relation
HOW SOFT OR HARD IS YOUR WATER?	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
HOW SOFT OR HARD IS YOUR WATER? (CON'T)	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	1
	Physical Systems: understand how physical processes produce changes in ecosystems	2
	Physical Systems: understand how human activities influence changes in ecosystems	2
	Environment and Society: understand how natural hazards affect human activities	1
HOW TO TREAT POLLUTED WATER	(No correlation to this activity.)	
LEAKY FAUCET	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how the characteristics of different physical environments provide opportunities for or place constraints on human activities	2
	Environment and Society: understand why people have different viewpoints regarding resource use	2
	Environment and Society: understand how technology affects the definition of, access to, and use of resources	1
	Environment and Society: understand the fundamental role of energy resources in society	2
LET'S GIVE WATER A TREATMENT	(No correlation to this activity.)	
PURIFYING WATER	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	Environment and Society: understand the role of technology in the human modification of the physical environment	1
	Environment and Society: understand why people have different viewpoints regarding resource use	2
	Environment and Society: understand how technology affects the definition of, access to, and use of resources	1
	Environment and Society: understand the fundamental role of energy resources in society	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

CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY ACTIVITY)

Activity	Standard	Relation
WATER TREATMENT PLANTS	(No correlation to this activity.)	
PURIFICATION OF WATER	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand the role of technology in the human modification of the physical environment	3
PURIFICATION OF WATER (CONT)	Environment and Society: understand how technology affects the definition of, access to, and use of resources	2
	Environment and Society: understand the fundamental role of energy resources in society	2
BACTERIA IN WATER	(No correlation to this activity.)	
INDICATING INSECTS	(No correlation to this activity.)	
WATER POLLUTION SOLUTIONS	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	Environment and Society: understand the role of technology in the human modification of the physical environment	2
WATER POLLUTION SOLUTIONS	Environment and Society: understand human responses to variations in physical systems	2
CHAPTER 3-SURFACE WATER RESOURCES		
BIOASSESSMENTS OF STREAMS	(No correlation to this activity.)	
CLEANING POINT SOURCE POLLUTION	(No correlation to this activity.)	
COLIFORM BACTERIA AND OYSTERS	(No correlation to this activity.)	
ALGAE GROWTH	(No correlation to this activity.)	
SMALL FRYE	(No correlation to this activity.)	
SURFACE FREEZING	(No correlation to this activity.)	
SURFACE TENSION	(No correlation to this activity.)	
RUNOFF	Places and Regions: understand how different physical processes shape places	3
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	2
THE SHRINKING ANTACID	(No correlation to this activity.)	
USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	The World in Spatial Terms: understand the characteristics, functions, and applications of maps, globes, aerial and other photographs, satellite-produced images, and models	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

**CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
THE WATER SOURCEBOOK (6-8)**
(BY ACTIVITY)

Activity	Standard	Relation
	The World in Spatial Terms: understand how to make and use maps, globes, graphs, charts, models, and databases to analyze spatial distributions and patterns	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

**CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
THE WATER SOURCEBOOK (6-8)
(BY ACTIVITY)**

Activity	Standard	Relation
USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY (CONT)	The World in Spatial Terms: understand how to translate mental maps into appropriate graphics to display geographic information and answer geographic questions	2
	Places and Regions: understand how different physical processes shape places	1
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
WHIPPED TOP WATER	(No correlation to this activity.)	
XERISCAPE - SEVEN STEPS TO WATER-WISE LANDSCAPING	(No correlation to this activity.)	
CHAPTER 4-GROUNDWATER RESOURCES		
DISPOSAL OF OLD PAINT	(No correlation to this activity.)	
CONTAMINATION OF GROUNDWATER	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how human activities influence changes in ecosystems	1
	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	The Uses of Geography: understand how to apply the geographic point of view to solve social and environmental problems by making geographically informed decisions	2
GROUNDWATER	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	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

CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
THE WATER SOURCEBOOK (6-8)
(BY ACTIVITY)

Activity	Standard	Relation
INVISIBLE WATER	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	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

**CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
THE WATER SOURCEBOOK (6-8)
(BY ACTIVITY)**

Activity	Standard	Relation
INVISIBLE WATER (CON'T)	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
PERCOLATION	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	2
	Physical Systems: understand how human activities influence changes in ecosystems	1
	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	The Uses of Geography: understand how to apply the geographic point of view to solve social and environmental problems by making geographically informed decisions	2
POROSITY? PERMEABILITY?	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	2
	Physical Systems: understand how human activities influence changes in ecosystems	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

**CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
THE WATER SOURCEBOOK (6-8)
(BY ACTIVITY)**

Activity	Standard	Relation
AQUIFERS AND RECHARGE AREAS	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	2
WATER - THROUGH AND THROUGH	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	2
RAIN AND LEACHING	(No correlation to this activity.)	
MAKING DRINKING WATER	(No correlation to this activity.)	
RECHARGE AND DISCHARGE OF GROUNDWATER	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	2
	Physical Systems: understand how human activities influence changes in ecosystems	1
	Environment and Society: understand the consequences of human modification of the physical environment	2
RURAL WASTEWATER	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	The Uses of Geography: understand how to apply the geographic point of view to solve social and environmental problems by making geographically informed decisions	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

CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY ACTIVITY)

Activity	Standard	Relation
CHAPTER 5- WETLANDS AND COASTAL WATERS		
DILUTION AND POLLUTION	Physical Systems: understand how physical processes produce changes in ecosystems	2
	Physical Systems: understand how human activities influence changes in ecosystems	2
	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	Environment and Society: understand human responses to variations in physical systems	2
CLEANING OIL SPILLS	Physical Systems: understand how physical processes produce changes in ecosystems	2
	Physical Systems: understand how human activities influence changes in ecosystems	2
	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	Environment and Society: understand the role of technology in the human modification of the physical environment	2
	Environment and Society: understand human responses to variations in physical systems	2
EFFECTS OF LOST SALT MARSHES	Places and Regions: understand how different physical processes shape places	3
	Physical Systems: understand how ecosystems work	2
	Physical Systems: understand how physical processes produce changes in ecosystems	2
	Environment and Society: understand why people have different viewpoints regarding resource use	1
LET'S GO FISHING!	(No correlation to this activity.)	
PICTURES, PEOPLE, AND POLLUTION	(No correlation to this activity.)	
PLASTIC WASTE	Physical Systems: understand how physical processes produce changes in ecosystems	2
	Physical Systems: understand how human activities influence changes in ecosystems	2
	Environment and Society: understand the consequences of human modification of the physical environment	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

**CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
THE WATER SOURCEBOOK (6-8)**
(BY ACTIVITY)

Activity	Standard	Relation
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	Environment and Society: understand human responses to variations in physical systems	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

**CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
THE WATER SOURCEBOOK (6-8)
(BY ACTIVITY)**

Activity	Standard	Relation
POLLUTION...POLLUTION...POLLUTION	Physical Systems: understand how physical processes produce changes in ecosystems	2
	Physical Systems: understand how human activities influence changes in ecosystems	2
	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	2
	Environment and Society: understand human responses to variations in physical systems	2
SALT TOLERANCE OF PLANTS	The World in Spatial Terms: understand the characteristics, functions, and applications of maps, globes, aerial and other photographs, satellite-produced images, and models	2
	The World in Spatial Terms: understand how to make and use maps, globes, graphs, charts, models, and databases to analyze spatial distributions and patterns	2
	The World in Spatial Terms: understand the distribution of major physical and human features at different scales (local to global)	1
	Places and Regions: understand how different physical processes shape places	2
SEA LEVEL RISING	Places and Regions: understand how different physical processes shape places	2
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	2
	Environment and Society: understand how natural hazards affect human activities	1
WAVE ACTIONS	Places and Regions: understand how different physical processes shape places	3
	Physical Systems: understand how physical processes shape patterns in the physical environment	2
	Physical Systems: understand how physical processes influence the formation and distribution of resources	1
	Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	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

**CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO
THE WATER SOURCEBOOK (6-8)**
(BY ACTIVITY)

Activity	Standard	Relation
ROLE-PLAYING GAME	The World in Spatial Terms: understand how perception influences people's mental maps and attitudes about places	2
	Places and Regions: understand how personal characteristics affect our perception of places and regions	2
	Physical Systems: understand how human activities influence changes in ecosystems	2
	Environment and Society: understand the consequences of human modification of the physical environment	2
	Environment and Society: understand how the characteristics of different physical environments provide opportunities for or place constraints on human activities	1
	Environment and Society: understand why people have different viewpoints regarding resource use	3
WATER FILTRATION	Environment and Society: understand the fundamental role of energy resources in society	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

CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY STANDARD)

Standard	Activity	Relation
Essential Element 1. The World in Spatial Terms -Standard 1) How to use maps and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective; 2) How to use mental maps to organize information about people, places, and environments in a spatial context; 3) How to analyze the spatial organization of people, places, and environments on Earth's surface.		
The World in Spatial Terms: understand the characteristics, functions, and applications of maps, globes, aerial and other photographs, satellite-produced images, and models	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
	SALT TOLERANCE OF PLANTS	2
The World in Spatial Terms: understand how to make and use maps, globes, graphs, charts, models, and databases to analyze spatial distributions and patterns	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
	SALT TOLERANCE OF PLANTS	2
The World in Spatial Terms: understand the distribution of major physical and human features at different scales (local to global)	SALT TOLERANCE OF PLANTS	1
The World in Spatial Terms: understand how to translate mental maps into appropriate graphics to display geographic information and answer geographic questions	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2
The World in Spatial Terms: understand how perception influences people's mental maps and attitudes about places	ROLE-PLAYING GAME	2
Essential Element 2. Places and Regions -Standard 4) The physical and human characteristics of places; 5) That people create regions to interpret Earth's complexity; 6) How culture and experience influence people's perception of places and regions.		
Places and Regions: understand how different physical processes shape places	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2
	RUNOFF	3
	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	1
	CONTAMINATION OF GROUNDWATER	2
	GROUNDWATER	2
	INVISIBLE WATER	2

NOTE: NOT ALL STANDARDS ARE MET.

RELATIONSHIP:

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CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY STANDARD)

Standard	Activity	Relation
Places and Regions: understand how different physical processes shape places (con't)	PERCOLATION	2
	POROSITY? PERMEABILITY?	2
	AQUIFERS AND RECHARGE AREAS	2
	WATER - THROUGH AND THROUGH	2
	RECHARGE AND DISCHARGE OF	2
	GROUNDWATER	
	EFFECTS OF LOST SALT MARSHES	3
	SALT TOLERANCE OF PLANTS	2
	SEA LEVEL RISING	2
Places and Regions: understand how personal characteristics affect our perception of places and regions	WAVE ACTIONS	3
	ROLE-PLAYING GAME	2
Essential Element 3. Physical Systems- Standard 7) The physical processes that shape the patterns of Earth's surface; 8) The characteristics and spatial distribution of ecosystems on Earth's surface.		
Physical Systems: understand how physical processes shape patterns in the physical environment	DESIGN AND CONSTRUCT A TERRARIUM	2
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2
	HOW SOFT OR HARD IS YOUR WATER?	2
	RUNOFF	2
	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE	2
	WATER QUALITY	
	CONTAMINATION OF GROUNDWATER	2
	GROUNDWATER	2
	INVISIBLE WATER	2
Physical Systems: understand how physical processes shape patterns in the physical environment	PERCOLATION	2
	POROSITY? PERMEABILITY?	2
	AQUIFERS AND RECHARGE AREAS	2
	WATER - THROUGH AND THROUGH	2
	RECHARGE AND DISCHARGE OF	2
	GROUNDWATER	
	SEA LEVEL RISING	2
	WAVE ACTIONS	2
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2

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CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY STANDARD)

Standard	Activity	Relation	
Physical Systems: understand how Earth-Sun relationships affect physical process and patterns on earth	DESIGN AND CONSTRUCT A TERRARIUM	3	
Physical Systems: understand how physical processes influence the formation and distribution of resources	DESIGN AND CONSTRUCT A TERRARIUM	2	
	NUTRIENTS AND WATER QUALITY	2	
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2	
	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	2	
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2	
	HOW SOFT OR HARD IS YOUR WATER?	2	
	RUNOFF	2	
	USING TOPOGRAPHIC MAPS AND DATA TABLES TO DETERMINE SURFACE WATER QUALITY	2	
	CONTAMINATION OF GROUNDWATER	2	
	CONTAMINATION OF GROUNDWATER	2	
Physical Systems: understand how physical processes influence the formation and distribution of resources (con't)	GROUNDWATER	2	
	INVISIBLE WATER	2	
	PERCOLATION	2	
	POROSITY? PERMEABILITY?	2	
	AQUIFERS AND RECHARGE AREAS	2	
	WATER - THROUGH AND THROUGH RECHARGE AND DISCHARGE OF GROUNDWATER	2	
	WAVE ACTIONS	1	
Physical Systems: understand how to predict the consequences of physical processes on Earth's surface	DESIGN AND CONSTRUCT A TERRARIUM	1	
	NUTRIENTS AND WATER QUALITY	2	
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2	
	HOW SOFT OR HARD IS YOUR WATER?	1	
	RUNOFF	2	
	PERCOLATION	2	
	POROSITY? PERMEABILITY?	2	
	AQUIFERS AND RECHARGE AREAS	2	
	WATER - THROUGH AND THROUGH RECHARGE AND DISCHARGE OF GROUNDWATER	2	
	SEA LEVEL RISING	2	
	WAVE ACTIONS	2	

NOTE: NOT ALL STANDARDS ARE MET.

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CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY STANDARD

Standard	Activity	Relation
Physical Systems: understand how ecosystems work	EFFECTS OF LOST SALT MARSHES	2
Physical Systems: understand how physical processes produce changes in ecosystems	CONTAMINANT SCAVENGER HUNT	2
	HOW SOFT OR HARD IS YOUR WATER?	2
	DILUTION AND POLLUTION	2
	CLEANING OIL SPILLS	2
	EFFECTS OF LOST SALT MARSHES	2
	PLASTIC WASTE	2
	POLLUTION...POLLUTION...POLLUTION	2
Physical Systems: understand how human activities influence changes in ecosystems	NUTRIENTS AND WATER QUALITY	3
	CONTAMINANT SCAVENGER HUNT	2
	HOW SOFT OR HARD IS YOUR WATER?	2
	CONTAMINATION OF GROUNDWATER	1
	PERCOLATION	1
	POROSITY? PERMEABILITY?	1
	RECHARGE AND DISCHARGE OF GROUNDWATER	1
	DILUTION AND POLLUTION	2
	CLEANING OIL SPILLS	2
	PLASTIC WASTE	2
POLLUTION...POLLUTION...POLLUTION	2	
Essential Element 5. Environment and Society- Standard 14) How human actions modify the physical environment; 15) How physical systems affect human systems; 16) The changes that occur in the meaning, use, distribution, and importance of resources		
Environment and Society: understand the consequences of human modification of the physical environment	NUTRIENTS AND WATER QUALITY	2
	CONTAMINANT SCAVENGER HUNT	2
	LEAKY FAUCET	2
	PURIFYING WATER	2
	PURIFICATION OF WATER	2
	WATER POLLUTION SOLUTIONS	2
	CONTAMINATION OF GROUNDWATER	2
	PERCOLATION	2
	RECHARGE AND DISCHARGE OF GROUNDWATER	2
	DILUTION AND POLLUTION	2
	CLEANING OIL SPILLS	2
	PLASTIC WASTE	2
	POLLUTION...POLLUTION...POLLUTION	2
	ROLE-PLAYING GAME	2

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CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY STANDARD)

Standard	Activity	Relation
Environment and Society: understand how human modification of the physical environment in one place often leads to changes in other places	NUTRIENTS AND WATER QUALITY	2
	CONTAMINANT SCAVENGER HUNT	2
	PURIFYING WATER	2
	WATER POLLUTION SOLUTIONS	2
	CONTAMINATION OF GROUNDWATER	2
	PERCOLATION	2
	RECHARGE AND DISCHARGE OF GROUNDWATER	2
	DILUTION AND POLLUTION	2
	CLEANING OIL SPILLS	2
PLASTIC WASTE	2	
POLLUTION...POLLUTION...POLLUTION	2	
Environment and Society: understand the role of technology in the human modification of the physical environment	PURIFYING WATER	1
	PURIFICATION OF WATER	3
	WATER POLLUTION SOLUTIONS	2
	CLEANING OIL SPILLS	2
Environment and Society: understand human responses to variations in physical systems	NUTRIENTS AND WATER QUALITY	2
	CONTAMINANT SCAVENGER HUNT	2
	WATER POLLUTION SOLUTIONS	2
	DILUTION AND POLLUTION	2
	CLEANING OIL SPILLS	2
	PLASTIC WASTE	2
POLLUTION...POLLUTION...POLLUTION	2	
Environment and Society: understand how the characteristics of different physical environments provide opportunities for or place constraints on human activities	LEAKY FAUCET	2
	ROLE-PLAYING GAME	1
Environment and Society: understand how natural hazards affect human activities	WATER RESOURCE PROBLEMS: TOO MUCH WATER	3
	HOW SOFT OR HARD IS YOUR WATER?	1
	SEA LEVEL RISING	1
Environment and Society: understand why people have different viewpoints regarding resource use	HOME WATER USE	2
	WATER METER READER	2
	LEAKY FAUCET	2
	PURIFYING WATER	2
	EFFECTS OF LOST SALT MARSHES	1
	ROLE-PLAYING GAME	3

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CORRELATION OF NATIONAL GEOGRAPHY STANDARDS TO THE WATER SOURCEBOOK (6-8)

(BY STANDARD

Standard	Activity	Relation
Environment and Society: understand how technology affects the definition of, access to, and use of resources	NUTRIENTS AND WATER QUALITY	1
	HOME WATER USE	1
	WATER METER READER	1
	LEAKY FAUCET	1
	PURIFYING WATER PURIFICATION OF WATER	1 2
Environment and Society: understand the fundamental role of energy resources in society	WATER RESOURCE PROBLEMS: TOO LITTLE WATER	1
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	1
	HOME WATER USE	2
	WATER METER READER	2
	LEAKY FAUCET	2
	PURIFYING WATER	1
	PURIFICATION OF WATER	2
	WATER FILTRATION	2
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 to apply the geographic point of view to solve social and environmental problems by making geographically informed decisions	CONTAMINATION OF GROUNDWATER	2
	PERCOLATION	2
	RECHARGE AND DISCHARGE OF GROUNDWATER	2

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CHAPTER 1 - INTRODUCTION TO WATER (Grades 6-8)
Quality Core Curriculum (QCC)

Activity	QCC Correlation			ITBS			Other	
	6th	7th	8th	6th	7th	8th		
Transpiration In Plants		7.17						
Design and Create a Terrarium		7.19 7.20 7.21						
Aquatic Foods		7.17 7.19						
On Your Mark, Get Set, Evaporate	6.6							
Environmental Vehicle Plate Messages			8.5 8.17					
Nutrients and Water Quality	6.1 6.5	7.1	8.1					
Water Resource Problems: Too Little Water	6.1 6.5	7.1	8.1 8.16					
Water Resource Problems: To Much Water	6.1 6.5	7.1	8.1 8.16					
Water Career Fair	6.1	7.1	8.1					
Water Evaporation	6.1 6.5 6.6	7.1	8.1 8.16					
Home Water Use	6.1	7.1	8.1					
Water Meter Reader	6.1	7.1	8.1					

CHAPTER 2 - DRINKING WATER AND WASTEWATER TREATMENT
(Grades 6-8)

Quality Core Curriculum (QCC)

Activity	QCC Correlation			ITBS			Other	
	6th	7th	8th	6th	7th	8th		
Contaminant Scavenger Hunt			8.16 8.17					
Deslination/Freshwater			8.16 8.17					
How Soft or Hard is Your Water	6.6							
How to Treat Polluted Water			8.5					
Leaky Faucet								
Let's Give Water a Treatment			8.5					
Purifying Water			8.5					
Water Treatment Plants			8.5					
Purification of Water			8.5					
Bacteria in Water			8.17					
Indicating Insects		7.18						
Water Pollution Solutions			8.5					

CHAPTER 3 - SURFACE WATER RESOURCES (Grades 6-8)
Quality Core Curriculum (QCC)

Activity	QCC Correlation			ITBS			Other	
	6th	7th	8th	6th	7th	8th		
Bioassessment of Streams		7.16 7.18	8.16					
Cleaning Point Source Pollution			8.5					
Coliform Bacteria & Oysters		7.16 7.18	8.17					
Algae Growth		7.16						
Small Frye		7.18						
Surface Freezing	6.6							
Surface Tension	6.6							
Runoff			8.5					
The Shrinking Antacid	6.5 6.6 6.7							
Using Topographic Maps			8.16					
Whipped Top Water			8.17					
Xeriscape – Water - Wise Landscaping			8.17					

CHAPTER 4 - GROUND WATER RESOURCES (Grades 6-8)
Quality Core Curriculum (QCC)

Activity	QCC Correlation			ITBS			Other	
	6th	7th	8th	6th	7th	8th		
Disposal of Old Paint			8.5					
Contamination of Groundwater			8.5					
Groundwater			8.5					
Invisible Water	6.6							
Percolation			8.5					
Porosity? Permeability?	6.6							
Aquifers and Recharge Areas			8.5					
Water – Through and Through	6.6		8.16					
Rain and Leaching			8.16					
Making Drinking Water	6.6							
Recharge and Discharge of Groundwater	6.6							
Rural Waste Water	6.6							

CHAPTER 5 - WETLANDS AND COASTAL WATERS (Grades 6-8)
Quality Core Curriculum (QCC)

Activity	QCC Correlation			ITBS			Other	
	6th	7th	8th	6th	7th	8th		
Dilution and Pollution			8.5					
Cleaning Oil Spills			8.5					
Effects of Lost Salt Marshes	6.7							
Let's Go Fishing!		7.19						
Pictures, People, and Pollution			8.5					
Plastic Waste			8.5					
Pollution...Pollution... Pollution			8.5					
Salt Tolerance of Plants	6.7							
Sea Level Rising	6.5 6.6 6.7		8.17					
Wave Actions			8.17					
Role-Playing Game	6.1	7.1	8.1					
Water Filtration			8.16					