	Transpiration in Plants; p. 1-1	Design and Create a Terrarium; p. 1-7	Aquatic Foods; p. 1-11	On Your Mark, Get Set, Evaporate; p. 1-15	Environmental Vehicle Plate Messages; p. 1-19	Nutrients and Water Quality; p. 1-23	Water Resource Problems: Too Little Water; p. 1-27	Water Resource Problems: Too Much Water; p. 1-31	Water Career Fair; p. 1-37	Water Evaporation; p. 1-41	Home Water Use; p. 1-47	X Water Meter Reader; p. 1-53	
Mathematics	X		X	O	Ш	_	5	5		X	X	X	
Biology		X	X	Х			X		Х				
Botany		X	X										
Chemistry				Х					Х	Х			
Earth Science							X	X					
Ecology						Х	X	X			Х	Х	
Geology								X					
Health			X										
Microbiology													
Physical Science									Х				
Language Arts		X											
Social Studies			X				X						
Geography													
Art													
Drama													

	Contaminant Scavenger Hunt; p. 2-1	Deslination/Freshwater; p. 2-9	How Soft or Hard Is Your Water; p. 2-13	How to Treat Polluted Water; p. 2-17	Leaky Faucet; p. 2-21	Let's Give Water a Treatment; p. 2-27	Purifying Water; p. 2-31	Water Treatment Plants; p. 2-35	Purification of Water; p. 2-41	Bafcteria in Water; p. 2-47	Indicating Insects; p. 2-55	Water Pollution Solutions; p. 2-61	
Mathematics			Х							Х			
Biology						Х		Х			Х		
Botany								Х					
Chemistry	X	Х	Х	Х			X		Х			X	
Earth Science				X									
Ecology					X	X			X		X		
Geology			Х										
Health				Х		Х	Х	Х	Х	Х			
Microbiology										Х			
Physical Science													
Language Arts	X											Х	
Social Studies		X											
Geography													
Art						Х	Х			X		K	
Drama													

	Bioassessment of Streams; p. 3-1	Cleaning Point Source Pollution; p. 3-9	Coliform Bacteria & Oysters; p. 3-13	Algae Growth; p. 3-19	Small Frye; p. 3-25	Surface Freezing; p. 3-31	Surface Tension; p. 3-35	Runoff; p. 3-39	The Shrinking Antacid; p. 3-43	Using Topographic Maps; p. 3-47	Whipped Top Water; p. 3-51	Xeriscape — Water - Wise Landscaping; p. 3-55	
Mathematics		X	X	Х		X							
Biology	X			Х				Х					
Botany				Х								Х	
Chemistry		X				Х	Х		Х				
Earth Science									Х				
Ecology	X	X								Х	Х	Х	
Geology								Х					
Health													
Microbiology	_		Х		X								
Physical Science							X						
Language Arts							Х						$\square$
Social Studies	_												$\blacksquare$
Geography			X		Х					Х			$\blacksquare$
Art			<b>^</b>		۸								
Drama													

	Disposal of Old Paint; p. 4 - 1	Contamination of Groundwater; p. 4 - 5	Groundwater; p. 4 - 9	Invisible Water; p. 4 - 15	Percolation; p. 4 - 19	Porosity? Permeability?; p. 4 - 23	Aquifers and Recharge Areas; p. 4 - 27	Water — Through and Through; p. 4 - 37	Rain and Leaching; p. p 4 - 41	Making Drinking Water; p. 4 - 45	Recharge and Discharge of Drinking Water; p. 4 - 51	Rural Waste Water; p. 4 - 57	
Mathematics				Х				Х					
Biology												Х	
Botany										v			
Chemistry  Forth Colonse	Х		Х						Х	Х			
Earth Science					_				_		$\vdash$	$\vdash$	H
Ecology Geology	_	Х	Х		У	У	Х	У			Х		
Health					<del> ^</del>			_^		Х	<u>  ^</u>	Х	
Microbiology										<del>  ^</del>			
Physical Science													
Language Arts								Х					
Social Studies													
Geography													
Art				Х			Х						
Drama	Х												

	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	PollutionPollutionPollution; 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	Х	Х						X	Χ				
Biology			X	X	X								
Botany			X					Х					
Chemistry	X	Х				Х	X					X	
Earth Science									Х	Х			
Ecology			Х	Х		Х					X		
Geology													
Health	Х												
Microbiology													
Physical Science										Х			
Language Arts		_			X				Х			X	_
Social Studies	X	Х				Х							_
Geography								Х	X				_
Art		_			Х		Х					Х	
Drama		X									X		

(BY ACTIVITY)

Activity	Performance Objective	Relation
	ER 1 - INTRODUCTION TO WATER	
TRANSPIRATION IN PLANTS	(No correlation to this activity.)	
DESIGN AND CONSTRUCT A	People, Places, & Environments: describe physical	
TERRARIUM	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.)	

Activity	Performance Objective	Relation
WATER RESOURCE	People, Places, & Environments: describe physical	
PROBLEMS: TOO LITTLE	system changes such as seasons, climate and weather,	
WATER	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	People, Places, & Environments: describe physical	
PROBLEMS: TOO MUCH	system changes such as seasons, climate and weather,	
WATER	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	
WATER CAREER FAIR	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	
WATER WETER READER	family, gender, ethnicity, nationality, and institutional	
	affiliations contribute to personal identity	1
	Individual Development & Identity: identify and	1
	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
CHARTER & DRINK		1   <del>-</del>
	ING WATER AND WASTEWATER TREATMEN	4 I
CONTAMINANT SCAVENGER	(No correlation to this activity.)	
HUNT DECALINATION/	(NO correlation to this activity.)	
DESALINATION/	(No correlation to this activity)	
FRESHWATER	(No correlation to this activity.)	
HOW SOFT OR HARD IS	(No correlation to this activity)	
YOUR WATER? HOW TO TREAT POLLUTED	(No correlation to this activity.)	
	(No correlation to this activity)	
WATER LEAKY FAUCET	(No correlation to this activity.)  Individual Development & Identity: identify and	
LEAKT FAUCET		
	describe ways regional, ethnic, and national cultures influence individuals' daily lives	2
LET'S GIVE WATER A	initidence individuals daily lives	2
	(No correlation to this setivity)	
TREATMENT	(No correlation to this activity.)  Individual Development & Identity: identify and	
PURIFYING WATER		
	describe ways regional, ethnic, and national cultures	
	influence individuals' daily lives	2

Activity	Performance Objective	Relation
		1
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.)	
CHAPTEI	R 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	(110 complainers to time dominy))	
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	People, Places, & Environments: observe and	
THE GUILLIAM ANTAGE	speculate about social and economic effects of	
	environmental changes and crises resulting from	
	phenomena such as floods, storms, and drought	2
	prierionieria sucir as riodus, stornis, and drought	
	People, Places, & Environments: propose, compare,	
	and evaluate alternative uses of land and resources in	
	communities, regions, nations, and the world	4
		1
	Production, Distribution, & Consumption: use	
	economic reasoning to compare different proposals for	
	dealing with a contemporary social issue such as	
HONG TODOGE SERVICE STATE	unemployment, acid rain, or high quality education	1
USING TOPOGRAPHIC MAPS		
AND DATA TABLES TO	People, Places, & Environments: create, interpret,	
DETERMINE SURFACE	use, and distinguish various representations of the	
WATER QUALITY	earth, such as maps, globes, and photographs	2

Activity	Performance Objective	Relation
Houvity	T offormation objective	Rolation
USING TOPOGRAPHIC MAPS	People, Places, & Environments: use appropriate	
AND DATA TABLES TO	resources, data sources, and geographic tools such as	
DETERMINE SURFACE	aerial photographs, satellite images, geographic	
WATER QUALITY (CON'T)	information systems (GIS), map projections, and	
WATER QUALITY (CONT)	cartography to generate, manipulate, and interpret	
	information such as atlases, data bases, grid systems,	
		2
	charts, graphs, and maps  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.)	
	R 4- GROUNDWATER RESOURCES	
DISPOSAL OF OLD PAINT	(No correlation to this activity.)	
CONTAMINATION OF	People, Places, & Environments: describe physical	
GROUNDWATER	system changes such as seasons, climate and weather,	
	and the water cycle and identify geographic patterns	
	associated with them	2
CONTAMINATION OF	People, Places, & Environments: examine, interpret,	
GROUNDWATER	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	People, Places, & Environments: elaborate mental	
AREAS	maps of locales, regions, and the world that	
	demonstrate understanding of relative location,	
	direction, size, and shape	1
	People, Places, & Environments: create, interpret,	
	use, and distinguish various representations of the	
	earth, such as maps, globes, and photographs	3
	Production, Distribution, & Consumption: explain	
	and illustrate how values and beliefs influence different	
	economic decisions	1

Activity	Performance Objective	Dolotion
Activity	Performance Objective	Relation
A OLUEFDO AND DEOLIADOE	Issianaa Taabaalaan 9 Sasiatuu ahau thusu ah	ı
AQUIFERS AND RECHARGE	Science, Technology, & Society: show through	
AREAS (CON'T)	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	1
	Civic Ideals & Practices: practice forms of civic	
	discussion and participation consistent with the ideals of	
	citizens in a democratic republic	2
	Civic Ideals & Practices: explain and analyze various	
	forms of citizen action that influence public policy	
	decisions	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.)	
	- WETLANDS AND COASTAL WATERS	
DILUTION AND POLLUTION	(No correlation to this activity.)	
CLEANING OIL SPILLS	People, Places, & Environments: observe and	
CELANING OIL SPIELS	speculate about social and economic effects of	
	environmental changes and crises resulting from	
		2
	phenomena such as floods, storms, and drought	
	Civic Ideals & Practices: explain and analyze various	
	forms of citizen action that influence public policy	
EEEEOTO OE LOOT OALT	decisions	1
EFFECTS OF LOST SALT	(Alexander Control (Alexandr 2012)	
MARSHES	(No correlation to this activity.)	
LET'S GO FISHING!	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
	mat is produced, distributed, drid correction	

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.)	
POLLUTIONPOLLUTIONP		
OLLUTION	(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

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

0111	(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
		2
	INDICATING INSECTS CHAPTER 3- SURFACE WATER	2
	II -	
	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	
	WAVE ACTIONS	2
	WATER FILTRATION	2
	UVVATER FILTRATION	

Ctandard	(BY STANDARD)	Dalatian
Standard	Activity	Relation
Haife in a Community and Brown and		
Unifying Concepts and Processes:	CHAPTER 1- INTRODUCTION TO WATER	
Evidence, models, and explanation	TRANSPIRATION IN PLANTS	2
		3 3
	DESIGN AND CONSTRUCT A TERRARIUM AQUATIC FOODS	3 2
	ON YOUR MARK, GET SET, EVAPORATE	3
	NUTRIENTS AND WATER QUALITY	3
	WATER RESOURCE PROBLEMS: TOO	3
	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

Standard	Activity	Relation
	1	
Unifying Concepts and Processes:	CHAPTER 4- GROUNDWATER	
Evidence, models, and explanation (con't)	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
	POLLUTIONPOLLUTIONPOLLUTION	1
	SALT TOLERANCE OF PLANTS	2
	SEA LEVEL RISING	2
	ROLE-PLAYING GAME	1
Unifying Concepts and Processes:	OLIABTED 4 INTRODUCTION TO WATER	
Constancy, change, and measurement	CHAPTER 1- INTRODUCTION TO WATER	
	TRANSPIRATION IN PLANTS	2
	DESIGN AND CONSTRUCT A TERRARIUM	2
	ON YOUR MARK, GET SET, EVAPORATE NUTRIENTS AND WATER QUALITY	2
	III	2
	WATER RESOURCE PROBLEMS: TOO	
	LITTLE WATER WATER RESOURCE PROBLEMS: TOO	1
	MUCH WATER	1
	WATER METER READER	2
	WATER METER READER CHAPTER 2- DRINKING WATER AND	2
	WASTEWATER TREATMENT	
	CONTAMINANT SCAVENGER HUNT	2
	DESALINATION/FRESHWATER	2
	HOW SOFT OR HARD IS YOUR WATER?	2
	HOW TO TREAT POLLUTED WATER	2 2
	HOW TO TREAT POLLUTED WATER	

Standard	Activity	Relation
Unifying Concepts and Processes: Constancy, change, and measurement	CHAPTER 3- SURFACE WATER	
(con't)	RESOURCES	
(6611.4)	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 RAIN AND LEACHING	1
	MAKING DRINKING WATER	1
	CHAPTER 5- WETLANDS AND COASTAL	I
	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 CHAPTER 2- DRINKING WATER AND	1
	WASTEWATER TREATMENT	
	LEAKY FAUCET	1
	WATER TREATMENT PLANTS	
	INDICATING INSECTS	1
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
	BIOASSESSMENTS OF STREAMS	1
	CLEANING POINT SOURCE POLLUTION	1
	SURFACE FREEZING	2
	RUNOFF	1

Standard Activity	Relation
Unifying Concepts and Processes: CHAPTER 5- WETLANDS AND	COASTAL
Evolution and equilibrium (con't)  WATERS	OOAGTAL
EFFECTS OF LOST SALT MAR	RSHES 1
SEA LEVEL RISING	1
Unifying Concepts and Processes: Form CHAPTER 2- DRINKING WATE	
and function WASTEWATER TREATMENT	
INDICATING INSECTS	1
CHAPTER 3- SURFACE WATE	·
RESOURCES	
BIOASSESSMENTS OF STREAM	AMS 1
Science as Inquiry: develop abilities	
necessary to do scientific inquiry CHAPTER 1- INTRODUCTION	TO WATER
TRANSPIRATION IN PLANTS	2
DESIGN AND CONSTRUCT A	
AQUATIC FOODS	1
ON YOUR MARK, GET SET, E	VAPORATE 3
NUTRIENTS AND WATER QUA	ALITY 3
WATER RESOURCE PROBLE	MS: TOO
LITTLE WATER	2
WATER RESOURCE PROBLE	MS: TOO
MUCH WATER	2
HOME WATER USE	2
WATER METER READER	2
CHAPTER 2- DRINKING WATE	ER AND
WASTEWATER TREATMENT	
CONTAMINANT SCAVENGER	
DESALINATION/FRESHWATE	
HOW SOFT OR HARD IS YOU	
HOW TO TREAT POLLUTED V	_
LEAKY FAUCET	2
LET'S GIVE WATER A TREATI	
PURIFYING WATER	2
WATER TREATMENT PLANTS	
PURIFICATION OF WATER	1
BACTERIA IN WATER	2
INDICATING INSECTS	2
CHAPTER 3- SURFACE WATE	IN .
RESOURCES BIOASSESSMENTS OF STREA	AMS
CLEANING POINT SOURCE P	
COLIFORM BACTERIA AND O	
ALGAE GROWTH	2
SMALL FRYE	2
SURFACE FREEZING	2

Standard	Activity	Relation
Standard	Activity	Relation
Science as Inquiry: develop abilities	OUDEAGE TENOION	
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	2
	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
	POLLUTIONPOLLUTIONPOLLUTION	2
	SALT TOLERANCE OF PLANTS	3
	SEA LEVEL RISING	2
	WAVE ACTIONS	2
	ROLE-PLAYING GAME	2
	WATER FILTRATION	2
Science as Inquiry: develop	WATERTIETRATION	
understanding about scientific inquiry	CHAPTER 1- INTRODUCTION TO WATER	
anderstanding about solentine inquiry	TRANSPIRATION IN PLANTS	2
		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

Standard	Activity	Relation
Claridard	riouvity	rtolation
Science as Inquiry: develop	CHAPTER 2- DRINKING WATER AND	
understanding about scientific inquiry (con't)		
and or other regions of the second se	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	WATERTIETRATION	
understanding of properties and changes of		
properties in matter	CHAPTER 1- INTRODUCTION TO WATER	
properties in matter	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	J
	WASTEWATER TREATMENT	
	CONTAMINANT SCAVENGER HUNT	1
	DESALINATION/FRESHWATER	2
	HOW SOFT OR HARD IS YOUR WATER?	3
	HOW TO TREAT POLLUTED WATER	3
	HOW TO INLAT POLLUTED WATER	J

`	BY STANDARD)	D
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
	POLLUTIONPOLLUTIONPOLLUTION	2
	WATER FILTRATION	2
Physical Science: develop an	CHAPTER 3- SURFACE WATER	
understanding of motions and forces	RESOURCES	-
	SURFACE FREEZING	3
	RUNOFF	1
	CHAPTER 5- WETLANDS AND COASTAL	
	WATERS	
Physical Caianas, dayalan an	WAVE ACTIONS	2
Physical Science: develop an	CHARTER 4 INTRODUCTION TO WATER	
understanding of transfer of energy	CHAPTER 1- INTRODUCTION TO WATER TRANSPIRATION IN PLANTS	
		1
	DESIGN AND CONSTRUCT A TERRARIUM WATER EVAPORATION	1
		1
Life Science: develop understanding of	ON YOUR MARK, GET SET, EVAPORATE	
structure and function in living systems	CHAPTER 1- INTRODUCTION TO WATER	
Systems	TRANSPIRATION IN PLANTS	2
	NUTRIENTS AND WATER QUALITY	3
	NOTRICITIO AND WATER QUALITY	

Standard	Activity	Relation
Canada	roung	rtolation
Life Science: develop understanding of		
structure and function in living systems	WATER RESOURCE PROBLEMS: TOO	
(con't)	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 CHAPTER 5- WETLANDS AND COASTAL	1
	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
Life Science: develop understanding of	CHAPTER 2- DRINKING WATER AND	
regulation and behavior	WASTEWATER TREATMENT	
	BACTERIA IN WATER	1
	INDICATING INSECTS	2
	CHAPTER 3- SURFACE WATER	
	RESOURCES	
Life Caianasa dayalan yadanatan diga af	BIOASSESSMENTS OF STREAMS	2
<b>Life Science:</b> develop understanding of populations and ecosystems	CHARTER 4 INTRODUCTION TO WATER	
populations and ecosystems	CHAPTER 1- INTRODUCTION TO WATER AQUATIC FOODS	2
	NUTRIENTS AND WATER QUALITY	2
	WATER RESOURCE PROBLEMS: TOO	
	LITTLE WATER	2
		2
	WATER RESOURCE PROBLEMS: TOO MUCH WATER	2

Standard	Activity	Relation
Clandard	Activity	IXCIALIOIT
Life Science: develop understanding of	CHAPTER 2- DRINKING WATER AND	
populations and ecosystems (con't)	WASTEWATER TREATMENT	
populations and ecosystems (corr.)	BACTERIA IN WATER	2
	INDICATING INSECTS	3
	CHAPTER 3- SURFACE WATER	J
	RESOURCES	
	BIOASSESSMENTS OF STREAMS	3
	COLIFORM BACTERIA AND OYSTERS	3
	ALGAE GROWTH	3
	SMALL FRYE	3
	XERISCAPE - SEVEN STEPS TO WATER-	3
	WISE LANDSCAPING	2
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	CONTAMINATION OF GROUNDWATER	4
	CLEANING OIL SPILLS	1 1
	CHAPTER 5- WETLANDS AND COASTAL	ı
	WATERS	
	EFFECTS OF LOST SALT MARSHES	2
	LET'S GO FISHING!	2 2
	PICTURES, PEOPLE, AND POLLUTION	1
	SALT TOLERANCE OF PLANTS	1
	WAVE ACTIONS	
Life Science: develop understanding of	WAVE ACTIONS	- 1
diversity and adaptations of organisms	CHAPTER 1- INTRODUCTION TO WATER	
and adaptations of organisms	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	
	CHAPTER 2- DRINKING WATER AND	1
	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

Standard	II A ctivity	Dalation
Standard	Activity	Relation
<b>Life Science:</b> develop understanding of		
diversity and adaptations of organisms	CMALL EDVE	
(con't)	SMALL FRYE  XERISCAPE - SEVEN STEPS TO WATER-	3
	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	DALI TOLERANGE OF TEANTO	
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	_
	CHAPTER 4- GROUNDWATER	1
	RESOURCES	
	CONTAMINATION OF GROUNDWATER	2
	GROUNDWATER	2
	INVISIBLE WATER	2
	PERCOLATION	2
	POROSITY? PERMEABILITY?	2
	AQUIFIERS AND RECHARGE AREAS	2
	WATER - THROUGH AND THROUGH	2
	RAIN AND LEACHING	2
	RECHARGE AND DISCHARGE OF	
	GROUNDWATER	2

Standard	Activity	Relation
Claridard	rouvity	redución
Earth and Space Science: develop	1	
understanding of structure of the earth	CHAPTER 5- WETLANDS AND COASTAL	
system (con't)	WATERS	
, , ,	SEA LEVEL RISING	2
	WAVE ACTIONS	2
Earth and Space Science: develop an	CHAPTER 3- SURFACE WATER	
understanding of earth's history	RESOURCES	
	RUNOFF	1
	CHAPTER 4- GROUNDWATER	
	RESOURCES	
	INVISIBLE WATER	2
	RECHARGE AND DISCHARGE OF	
	GROUNDWATER	1
L		
Earth and Space Science: develop an	CHAPTER 3- SURFACE WATER	
understanding of earth in the solar system	RESOURCES	
	USING TOPOGRAPHIC MAPS AND DATA	
	TABLES TO DETERMINE SURFACE WATER	
	QUALITY CHAPTER 4- GROUNDWATER	1
	RESOURCES	
	PERCOLATION	2
	POROSITY? PERMEABILITY?	2 2
	AQUIFIERS AND RECHARGE AREAS	2
	WATER - THROUGH AND THROUGH	2
	RAIN AND LEACHING	1
Science and Technology: develop	CHAPTER 2- DRINKING WATER AND	•
abilities of technological design	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

Standard	(BY STANDARD)  Activity	Relation
Staridard	Activity	Relation
Science and Technology: develop		1
understandings about science and		
technology	CHAPTER 1- INTRODUCTION TO WATER	
leon molegy	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 PLASTIC WASTE	2
	WATER FILTRATION	2
Science in Personal and Social	WATERTIETRATION	
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

Standard	Activity	Relation
Ctandard	Activity	IXCIALIOIT
Science in Personal and Social		
Perspectives: develop understanding of	CHAPTER 4- GROUNDWATER	
characteristics and changes in populations	RESOURCES	
Characteristics and changes in populations	CONTAMINATION OF GROUNDWATER	
Science in Personal and Social	CONTAMINATION OF GROUNDWATER	2
<b>Perspectives:</b> develop understanding of science and technology in society	CHARTER 4 INTRODUCTION TO WATER	
I society	CHAPTER 1- INTRODUCTION TO WATER AQUATIC FOODS	_
		2 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
	POLLUTIONPOLLUTION	2
Calamaa in Danaanal and Carlet	ROLE-PLAYING GAME	3
Science in Personal and Social		
Perspectives: develop understanding of	OUADTED 4 INTRODUCTION TO WATER	
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

(BY STANDARD)

Standard	Activity	Relation
Claridard	rouviey	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 1
	SEA LEVEL RISING	2
Science in Personal and Social	0271221211101110	_
Perspectives: develop understanding of	CHAPTER 2- DRINKING WATER AND	
risks and benefits	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

1-standard is part of focus activity

Standard	Activity	Relation
Startuaru	Activity	Relation
Science in Personal and Social		
Perspectives: develop understanding of	CHAPTER 2- DRINKING WATER AND	
science and technology in society (con't)	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	3
	WATERS	
	DILUTION AND POLLUTION	1
	CLEANING OIL SPILLS	1 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	OUADTED 4 INTRODUCTION TO WATER	
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

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

(BY ACTIVITY)

Activity	Performance Objective	Relation
	ER 1 - INTRODUCTION TO WATER	
TRANSPIRATION IN PLANTS	(No correlation to this activity.)	
DESIGN AND CONSTRUCT A	People, Places, & Environments: describe physical	
TERRARIUM	system changes such as seasons, climate and weather,	
	and the water cycle and identify geographic patterns	
A CULTURE TO SERVE	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	0
	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	ı
	and illustrate how values and beliefs influence different	
	economic decisions	1
	economic decisions	'
	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.)	

Activity	Performance Objective	Relation
WATER RESOURCE	People, Places, & Environments: describe physical	
PROBLEMS: TOO LITTLE	system changes such as seasons, climate and weather,	
WATER	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	People, Places, & Environments: describe physical	
PROBLEMS: TOO MUCH	system changes such as seasons, climate and weather,	
WATER	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	
WATER CAREER FAIR	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	
WATER WETER READER	family, gender, ethnicity, nationality, and institutional	
	affiliations contribute to personal identity	1
	Individual Development & Identity: identify and	1
	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
CHARTER & DRINK		1   <del>-</del>
	ING WATER AND WASTEWATER TREATMEN	4 I
CONTAMINANT SCAVENGER	(No correlation to this activity.)	
HUNT DECALINATION/	(NO correlation to this activity.)	
DESALINATION/	(No correlation to this activity)	
FRESHWATER	(No correlation to this activity.)	
HOW SOFT OR HARD IS	(No correlation to this activity)	
YOUR WATER? HOW TO TREAT POLLUTED	(No correlation to this activity.)	
	(No correlation to this activity)	
WATER LEAKY FAUCET	(No correlation to this activity.)  Individual Development & Identity: identify and	
LEAKT FAUCET		
	describe ways regional, ethnic, and national cultures influence individuals' daily lives	2
LET'S GIVE WATER A	initidence individuals daily lives	2
	(No correlation to this setivity)	
TREATMENT	(No correlation to this activity.)  Individual Development & Identity: identify and	
PURIFYING WATER		
	describe ways regional, ethnic, and national cultures	
	influence individuals' daily lives	2

Activity	Performance Objective	Relation
		1
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.)	
CHAPTEI	R 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	(110 complainers to time dominy))	
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	People, Places, & Environments: observe and	
THE GUILLIAM ANTAGE	speculate about social and economic effects of	
	environmental changes and crises resulting from	
	phenomena such as floods, storms, and drought	2
	prierionieria sucir as riodus, stornis, and drought	
	People, Places, & Environments: propose, compare,	
	and evaluate alternative uses of land and resources in	
	communities, regions, nations, and the world	4
		1
	Production, Distribution, & Consumption: use	
	economic reasoning to compare different proposals for	
	dealing with a contemporary social issue such as	
HONG TODOGE SERVICE STATE	unemployment, acid rain, or high quality education	1
USING TOPOGRAPHIC MAPS		
AND DATA TABLES TO	People, Places, & Environments: create, interpret,	
DETERMINE SURFACE	use, and distinguish various representations of the	
WATER QUALITY	earth, such as maps, globes, and photographs	2

A ativity	Performance Objective	Daletia
Activity	Performance Objective	Relation
USING TOPOGRAPHIC MAPS	People, Places, & Environments: use appropriate	Ī
AND DATA TABLES TO	resources, data sources, and geographic tools such as	
DETERMINE SURFACE	aerial photographs, satellite images, geographic	
WATER QUALITY (CON'T)	information systems (GIS), map projections, and	
WATER QUALITY (CONT)	cartography to generate, manipulate, and interpret	
	information such as atlases, data bases, grid systems,	
	_ ,	2
	charts, graphs, and maps  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	
W##5555 TOS ::::===	associated with them	2
WHIPPED TOP WATER	(No correlation to this activity.)	
XERISCAPE - SEVEN STEPS		
TO WATER-WISE		
LANDSCAPING	(No correlation to this activity.)	
	R 4- GROUNDWATER RESOURCES	
DISPOSAL OF OLD PAINT	(No correlation to this activity.)	T
CONTAMINATION OF	People, Places, & Environments: describe physical	
GROUNDWATER	system changes such as seasons, climate and weather,	
	and the water cycle and identify geographic patterns	
	associated with them	2
CONTAMINATION OF	People, Places, & Environments: examine, interpret,	
GROUNDWATER	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	People, Places, & Environments: elaborate mental	
AREAS	maps of locales, regions, and the world that	
	demonstrate understanding of relative location,	
	direction, size, and shape	1
	People, Places, & Environments: create, interpret,	
	use, and distinguish various representations of the	
	earth, such as maps, globes, and photographs	3
	Production, Distribution, & Consumption: explain	
1	and illustrate become been and beliefe influence different	
	and illustrate how values and beliefs influence different	

ACTIVITY  Performance Objective  RQUIFERS AND RECHARGE AREAS (CON'T)  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  Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  WATER - THROUGH AND THROUGH  (No correlation to this activity.)  RAIN AND LEACHING (No correlation to this activity.)  RECHARGE AND DISCHARGE OF	1 2 2
AREAS (CON'T)  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  Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  WATER - THROUGH AND  THROUGH  (No correlation to this activity.)  RAIN AND LEACHING  (No correlation to this activity.)  RECHARGE AND	2
AREAS (CON'T)  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  Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  WATER - THROUGH AND  THROUGH  (No correlation to this activity.)  RAIN AND LEACHING  (No correlation to this activity.)  RECHARGE AND	2
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  Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  WATER - THROUGH AND THROUGH  (No correlation to this activity.)  RAIN AND LEACHING  (No correlation to this activity.)  RECHARGE AND	2
world, such as in their relationship to the land, animal life, family life, and economic needs, wants, and security  Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  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	2
life, family life, and economic needs, wants, and security  Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  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	2
Security  Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  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	2
Civic Ideals & Practices: practice forms of civic discussion and participation consistent with the ideals of citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  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	2
discussion and participation consistent with the ideals of citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  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	
citizens in a democratic republic  Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  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	
Civic Ideals & Practices: explain and analyze various forms of citizen action that influence public policy decisions  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	
forms of citizen action that influence public policy decisions  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	2
decisions  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	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	2
THROUGH (No correlation to this activity.)  RAIN AND LEACHING (No correlation to this activity.)  MAKING DRINKING WATER (No correlation to this activity.)  RECHARGE AND	
RAIN AND LEACHING (No correlation to this activity.)  MAKING DRINKING WATER (No correlation to this activity.)  RECHARGE AND	
RAIN AND LEACHING (No correlation to this activity.)  MAKING DRINKING WATER (No correlation to this activity.)  RECHARGE AND	
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 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
Civic Ideals & Practices: explain and analyze various	2
forms of citizen action that influence public policy	
decisions	1
	ı
MARSHES (No correlation to this activity.)	
MARSHES (No correlation to this activity.)	
LET'S GO FISHING! 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	
	4
corporations	1
Production, Distribution, & Consumption: explain	'
Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different	ı
Production, Distribution, & Consumption: explain	1
Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different	
Production, Distribution, & Consumption: explain and illustrate how values and beliefs influence different economic decisions	

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.)	
POLLUTIONPOLLUTIONP		
OLLUTION	(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

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

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Objective	Relation
Culture-Social studies programs should includ	•	r the
study of culture and cultural diversity,		
Culture: explain how information and experiences may be	ROLE-PLAYING GAME	2
interpreted by people from diverse cultural perspectives and		
frames of reference		
Culture: explain why individuals and groups respond	ROLE-PLAYING GAME	2
differently to their physical social environments and/or		
changes to them on the basis of shared assumptions, values and beliefs	,	
and beliefs		
Poonto Places & Environmenta, Social of	udios programs should includ	40
People, Places, & Environments: Social st		
experiences that provide for the study of people, p	laces, and environments, so	that the
learner can:		
	AQUIFERS AND RECHARGE	1
People, Places, & Environments: elaborate mental maps of	f AREAS	
locales, regions, and the world that demonstrate		
understanding of relative location, direction, size, and shape	LIOINO TODOODADI IIO MADO	
Page Blace & Environmenta, create interpret use on	USING TOPOGRAPHIC MAPS	2
People, Places, & Environments: create, interpret, use, and distinguish vericus representations of the court		
distinguish various representations of the earth, such as map globes, and photographs		
	WATER QUALITY AQUIFERS AND RECHARGE	3
	AREAS	3
	SEA LEVEL RISING	1
	USING TOPOGRAPHIC MAPS	2
People, Places, & Environments: use appropriate resource		_
data sources, and geographic tools such as aerial	DETERMINE SURFACE	
photographs, satellite images, geographic information systen		
(GIS), map projections, and cartography to generate,		
manipulate, and interpret information such as atlases, data		
bases, grid systems, charts, graphs, and maps		
	SEA LEVEL RISING	2
	USING TOPOGRAPHIC MAPS	2
People, Places, & Environments: estimate distance,	AND DATA TABLES TO	
calculate scale, and distinguish other geographic relationship		
such as population density and spatial distribution patters	WATER QUALITY	
Doomle Dieses & Environmenter describe why ricel exctens	DESIGN AND CONSTRUCT A	3
People, Places, & Environments: describe physical system		
changes such as seasons, climate and weather, and the watercycle and identify geographic patterns associated with them		
Jeyole and identity geographic patterns associated with them	WATER RESOURCE	3
	PROBLEMS: TOO LITTLE	٥
	WATER	
	WATER RESOURCE	3
	PROBLEMS: TOO MUCH	
1	WATER	I

NOTE: NOT ALL PERFORMANCE EXPECTATION ARE MET.

(BY PERFORMANCE OBJECTIVE)

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

(BY PERFORMANCE OBJECTIVE)

Performance Objective	Objective	Relation
Production, Distribution, & Consumption-Social	,	
experiences that provide for the study of how peo	ople organize for the produc	tion,
distribution, and consumption of goods and ser	vices, so that the learner ca	an:
Production, Distribution, & Consumption: give and explain	AQUATIC FOODS	2
examples of ways that economic systems structure choices		
about how goods and services are to be produced and		
distributed	LETIC CO FIGURNO	
	LET'S GO FISHING! AQUATIC FOODS	1
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		
	LET'S GO FISHING!	1
	WATER CAREER FAIR	2
Production, Distribution, & Consumption: describe the role		
of specialization and exchange in the economic process	A OLIVATIO E O O DO	
<b>Production, Distribution, &amp; Consumption:</b> explain and illustrate how values and beliefs influence different economic	AQUATIC FOODS	1
decisions		
decisions	AQUIFERS AND RECHARGE	1 1
	AREAS	
	LET'S GO FISHING!	1
Production, Distribution, & Consumption: compare basic	AQUATIC FOODS	1
economic systems according to who determines what is		
produced, distributed, and consumed		
	LET'S GO FISHING!	2
Production, Distribution, & Consumption: use economic	AQUATIC FOODS	2
concepts to help explain historical and current developments		
and issues in local, national, or global contexts		
and the second s	LET'S GO FISHING!	2
Production, Distribution, & Consumption: use economic	THE SHRINKING ANTACID	1
reasoning to compare different proposals for dealing with a		
contemporary social issue such as unemployment, acid rain,		
or high quality education		
Oninger Trakmalama 8 Onniata Onnial atur	dia a mana mana a a la a colal in alcona	1-
Science, Technology, & Society-Social stud	' '	
experiences that provide for the study of relationship		gy, and
society, so that the learn		
Science, Technology, & Society: examine and describe the		1
influence of culture on scientific and technological choices and		
advancement, such as in transportation, medicine, and warfare		

NOTE: NOT ALL PERFORMANCE EXPECTATION ARE MET.

(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
democratic republic, so that the Civic Ideals & Practices: locate, access, analyze, organize, and apply information about selected public issues -	e learner can: ROLE-PLAYING GAME	3
recognizing and explaining multiple points of view		
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 WATER FILTRATION	1 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

A ativity	(BT ACTIVITY)	Relation
Activity	Standard	Relation
CHAPTER 1- II	NTRODUCTION TO WATER	
TRANSPIRATION IN PLANTS	(No correlation to this activity.)	
<b>DESIGN AND CONSTRUCT A TERRARIUM</b>	Physical Systems: understand how physical	2
	processes shape patterns in the physical	
	environment	
	Physical Systems: understand how Earth-Sun	3
	relationships affect physical process and patterns	
	on earth	
	Physical Systems: understand how physical	2
	processes influence the formation and distribution of	
	resources	
	Physical Systems: understand how to predict the	1
	consequences of physical processes on Earth's	
	surface	
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	2
	processes influence the formation and distribution of	
	resources	
	Physical Systems: understand how to predict the	2
	consequences of physical processes on Earth's	
	surface	
	Physical Systems: understand how human	3
	activities influence changes in ecosystems	
	Environment and Society: understand the	2
	consequences of human modification of the	
	physical environment	
	<b>Environment and Society:</b> understand how human	2
	modification of the physical environment in one	
	place often leads to changes in other places	
	Environment and Society: understand human	2
	responses to variations in physical systems	,
	Environment and Society: understand how	1
	technology affects the definition of, access to, and use of resources	
WATER RESOURCE PROBLEMS: TOO	Places and Regions: understand how different	2
LITTLE WATER	physical processes shape places	_
	Physical Systems: understand how physical	2
	processes shape patterns in the physical	_
	environment	
	Physical Systems: understand how physical	2
	processes influence the formation and distribution of	
	resources	
	Physical Systems: understand how physical	2
	processes influence the formation and distribution of	

Activity	Standard	Relation
	Environment and Society: understand the	1
	fundamental role of energy resources in society	

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

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

A otivity	Standard	Relation
Activity	Standard	Relation
WATER TREATMENT PLANTS	(No correlation to this activity.)	
PURIFICATION OF WATER	Environment and Society: understand the	2
TORRITOR OF WATER	consequences of human modification of the	_
	physical environment	
	Environment and Society: understand the role of	3
	technology in the human modification of the physical	
	environment	
PURIFICATION OF WATER (CON'T)	Environment and Society: understand how	2
TOTAL TOTAL OF WITTER (OCIVI)	technology affects the definition of, access to, and	_
	use of resources	
	Environment and Society: understand the	2
	fundamental role of energy resources in society	
BACTERIA IN WATER	(No correlation to this activity.)	
INDICATING INSECTS	(No correlation to this activity.)	
WATER POLLUTION SOLUTIONS	Environment and Society: understand the	2
WATER TOLESTION SOLUTIONS	consequences of human modification of the	_
	physical environment	
	Environment and Society: understand how human	2
	modification of the physical environment in one	
	place often leads to changes in other places	
	place often leads to charges in other places	
	Environment and Society: understand the role of	2
	technology in the human modification of the physical	
	environment	
WATER POLLUTION SOLUTIONS	Environment and Society: understand human	2
WATERT OLLOTION GOLOTIONS	responses to variations in physical systems	
CHAPTER 3-SU	RFACE 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	3
	physical processes shape places	
	Physical Systems: understand how physical	2
	processes shape patterns in the physical	_
	environment	
	Physical Systems: understand how physical	2
	processes influence the formation and distribution of	
	resources	
	Physical Systems: understand how to predict the	2
	consequences of physical processes on Earth's	_
	surface	
THE SHRINKING ANTACID	(No correlation to this activity.)	
USING TOPOGRAPHIC MAPS AND DATA	The World in Spatial Terms: understand the	2
TABLES TO DETERMINE SURFACE	characteristics, functions, and applications of maps,	_
WATER QUALITY	globes, aerial and other photographs, satellite-	
With Ext & Orient	produced images, and models	
l	Iproduced images, and models	l

Activity	Standard	Relation
	The World in Spatial Terms: understand how to	2
	make and use maps, globes, graphs, charts,	
	models, and databases to analyze spatial	
	distributions and patterns	

	(BY ACTIVITY)	
Activity	Standard	Relation
USING TOPOGRAPHIC MAPS AND DATA	The World in Spatial Terms: understand how to	2
TABLES TO DETERMINE SURFACE	translate mental maps into appropriate graphics to	
WATER QUALITY (CON'T)	display geographic information and answer	
	geographic questions	
	Places and Regions: understand how different	1
	physical processes shape places	
	Physical Systems: understand how physical	2
	processes shape patterns in the physical	
	environment	
	Physical Systems: understand how physical	2
	processes influence the formation and distribution of	
	resources	
WHIPPED TOP WATER	(No correlation to this activity.)	
XERISCAPE - SEVEN STEPS TO WATER-	(No correlation to this activity.)	
WISE LANDSCAPING		
CHAPTER 4-GR	OUNDWATER RESOURCES	
DISPOSAL OF OLD PAINT	(No correlation to this activity.)	
CONTAMINATION OF GROUNDWATER	Places and Regions: understand how different	2
	physical processes shape places	
	Physical Systems: understand how physical	2
	processes shape patterns in the physical	
	environment	
	Physical Systems: understand how physical	2
	processes influence the formation and distribution of	
	resources	
	Physical Systems: understand how physical	2
	processes influence the formation and distribution of	
	resources	
	Physical Systems: understand how human	1
	activities influence changes in ecosystems	
	Environment and Society: understand the	2
	consequences of human modification of the	
	physical environment	
	Environment and Society: understand how human	2
	modification of the physical environment in one	
	place often leads to changes in other places	
	The Uses of Geography: understand how to apply	2
	the geographic point of view to solve social and	
	environmental problems by making geographically	
	informed decisions	
GROUNDWATER	Places and Regions: understand how different	2
	physical processes shape places	
	Physical Systems: understand how physical	2
	processes shape patterns in the physical	
	environment	
	Physical Systems: understand how physical	2
	processes influence the formation and distribution of	
	resources	

Activity	Standard	Relation
INIVIOIDI E MATED	Discount Devices and actual beautiffs and	
INVISIBLE WATER	Places and Regions: understand how different	2
	physical processes shape places	
	Physical Systems: understand how physical	2
	processes shape patterns in the physical	
	environment	

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

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

Activity	Standard	Relation
touvity	Clandard	
	LANDS AND COASTAL WATERS	
DILUTION AND POLLUTION	Physical Systems: understand how physical	2
	processes produce changes in ecosystems	_
	Physical Systems: understand how human	2
	activities influence changes in ecosystems	_
	Environment and Society: understand the	2
	consequences of human modification of the	
	physical environment	0
	Environment and Society: understand how human	2
	modification of the physical environment in one	
	place often leads to changes in other places	
	Environment and Society: understand human	2
	responses to variations in physical systems	
CLEANING OIL SPILLS	Physical Systems: understand how physical	2
	processes produce changes in ecosystems	_
	Physical Systems: understand how human	2
	activities influence changes in ecosystems	
	Environment and Society: understand the	2
	consequences of human modification of the	
	physical environment	0
	Environment and Society: understand how human	2
	modification of the physical environment in one	
	place often leads to changes in other places	
	Environment and Society: understand the role of	2
	technology in the human modification of the physical	
	environment	
	Environment and Society: understand human	2
	responses to variations in physical systems	
EFFECTS OF LOST SALT MARSHES	Places and Regions: understand how different	3
	physical processes shape places	_
	Physical Systems: understand how ecosystems work	2
	Physical Systems: understand how physical	2
	processes produce changes in ecosystems	_
	Environment and Society: understand why people	1
	have different viewpoints regarding resource use	'
	- Sand Sand House Togarding Today To	
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	2
	processes produce changes in ecosystems	2
	Physical Systems: understand how human activities influence changes in ecosystems	
	· ·	2
	<b>Environment and Society:</b> understand the consequences of human modification of the	_
	physical environment	
	priyateat ettyttettit	

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

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

Activity	Standard	Relation
DOLE BLAYING CAME	T. W. I. O. C. I.	
ROLE-PLAYING GAME	The World in Spatial Terms: understand how	2
	perception influences people's mental maps and	
	attitudes about places	_
	Places and Regions: understand how personal	2
	characteristics affect our perception of places and	
	regions	2
	Physical Systems: understand how human activities influence changes in ecosystems	
	Environment and Society: understand the	2
	consequences of human modification of the	
	physical environment	
	Environment and Society: understand how the	1
	characteristics of different physical environments	·
	provide opportunities for or place constraints on	
	human activities	
	Environment and Society: understand why people	3
	have different viewpoints regarding resource use	
WATER FILTRATION	Environment and Society: understand the	2
	fundamental role of energy resources in society	

(BY STANDARD

Standard Activity Relatio		
	i veialioi i	
v to use mans and other geoc	raphic	
,		
RAPHIC MAPS AND DATA	2	
TERMINE SURFACE		
Υ		
	2	
RAPHIC MAPS AND DATA	2	
TERMINE SURFACE		
Y		
	2	
CE OF PLANTS	1	
	2	
Y		
GAME	2	
and human characteristics of v culture and experience influtions.		
v culture and experience influ	ence	
v culture and experience influ		
v culture and experience influtions.  RCE PROBLEMS: TOO	ence 2	
v culture and experience influ	ence	
v culture and experience influtions.  RCE PROBLEMS: TOO	2	
v culture and experience influtions.  RCE PROBLEMS: TOO  RCE PROBLEMS: TOO	2 2 3	
v culture and experience influtions.  RCE PROBLEMS: TOO  RCE PROBLEMS: TOO  RAPHIC MAPS AND DATA	2	
RCE PROBLEMS: TOO RCE PROBLEMS: TOO RAPHIC MAPS AND DATA FERMINE SURFACE	2 2 2	
RCE PROBLEMS: TOO RCE PROBLEMS: TOO RAPHIC MAPS AND DATA FERMINE SURFACE Y	2 2 3 1	
RCE PROBLEMS: TOO RCE PROBLEMS: TOO RAPHIC MAPS AND DATA FERMINE SURFACE	2 2 3	
	w to use maps and other geography information from a spat people, places, and environments on places, and environments on the places, and the places of the plac	

(BY STANDARD

Standard	Activity	Relation
Places and Regions: understand how different	PERCOLATION	2
physical processes shape places (con't)		_
, , ,	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
	WAVE ACTIONS	3
Places and Regions: understand how personal	ROLE-PLAYING GAME	2
characteristics affect our perception of places and		
regions		
Essential Element 3. Physical Systems-Standa	ard 7) The physical processes that shape the pat	terns of
Earth's surface; 8) The characteristics and sp	patial distribution of ecosystems on Earth's surfa-	ce.
• ,	·	
Physical Systems: understand how physical	DESIGN AND CONSTRUCT A	2
processes shape patterns in the physical	TERRARIUM	
environment		
	WATER RESOURCE PROBLEMS: TOO	2
	LITTLE WATER	
	HOW SOFT OR HARD IS YOUR WATER?	2
	RUNOFF	2
	USING TOPOGRAPHIC MAPS AND DATA	2
	TABLES TO DETERMINE SURFACE	
	WATER QUALITY	
	CONTAMINATION OF GROUNDWATER	2
	GROUNDWATER	2
	INVISIBLE WATER	2
Physical Systems: understand how physical	PERCOLATION	2
processes shape patterns in the physical		
environment		
	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	2
	MUCH WATER	

(BY STANDARD

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

NOTE: NOT ALL STANDARDS ARE MET.

RELATIONSHIP:

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

(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 CLEANING OIL SPILLS	2 2
	EFFECTS OF LOST SALT MARSHES	2
	PLASTIC WASTE	2
	POLLUTIONPOLLUTIONPOLLUTION	2
	NUTRIENTS AND WATER QUALITY	3
Physical Systems: understand how human	CONTAMINANT SCAVENGER HUNT	2
activities influence changes in ecosystems	CONTAININATION CONVENCENTION	_
activities illinuories orialiges illi eeesyeteine	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
	POLLUTIONPOLLUTIONPOLLUTION ROLE-PLAYING GAME	2 2
Essential Element 5. Environment and Society-	Standard 14) How human actions modify the	ohysical
environment; 15) How physical systems affect huma use, distribution, and	n systems; 16) The changes that occur in the importance of resources	meaning,
Environment and Society: understand the	NUTRIENTS AND WATER QUALITY	1 0
consequences of human modification of the physical environment		2
CHVIIOHHICH	CONTAMINANT SCAVENGER HUNT	2
	LEAKY FAUCET	2
	PURIFYING WATER	2
	PURIFICATION OF WATER	2
	WATER POLLUTION SOLUTIONS	2
	CONTAMINATION OF GROUNDWATER	2
	IPERCOLATION	2
	RECHARGE AND DISCHARGE OF	2
	GROUNDWATER	
	DILUTION AND POLLUTION	2
	CLEANING OIL SPILLS	2
	PLASTIC WASTE	2
	POLLUTIONPOLLUTIONPOLLUTION	2
	ROLE-PLAYING GAME	2

NOTE: NOT ALL STANDARDS ARE MET. RELATIONSHIP:

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

(BY STANDARD

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

(BY STANDARD

Standard	Activity	Relation
Environment and Society: understand how	NUTRIENTS AND WATER QUALITY	1
technology affects the definition of, access to, and		
use of resources		
	HOME WATER USE	1
	WATER METER READER	1
	LEAKY FAUCET	1
	PURIFYING WATER	1
	PURIFICATION OF WATER	2
Environment and Society: understand the	WATER RESOURCE PROBLEMS: TOO	1
fundamental role of energy resources in society	LITTLE WATER	
	WATER RESOURCE PROBLEMS: TOO	1
	MUCH WATER	
	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-Sta	, , , , , , , , , , , , , , , , , , , ,	the past;
18) How to apply geography to inte	rpret the present and plan for the future.	
T. II. (0. I.		T _
The Uses of Geography: understand how to apply	CONTAMINATION OF GROUNDWATER	2
the geographic point of view to solve social and		
environmental problems by making geographically		
informed decisions	DEDOC! ATION	
	PERCOLATION	2
	RECHARGE AND DISCHARGE OF	2
	GROUNDWATER	

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

	QCC	QCC Correlation			ITBS	Other		
Activity	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)

	QCO	QCC Correlation			ITBS			Other	
Activity	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)

	QCC Correlation				Other			
Activity	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)

additify of the data to the term (400)									
	QCC Correlation			ITBS			Other		
Activity	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						
PollutionPollution 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				_		