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TEACHER GUIDE

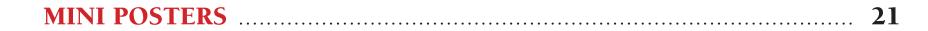
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STUDENT HANDOUTS

•	Reading	Com	prehension
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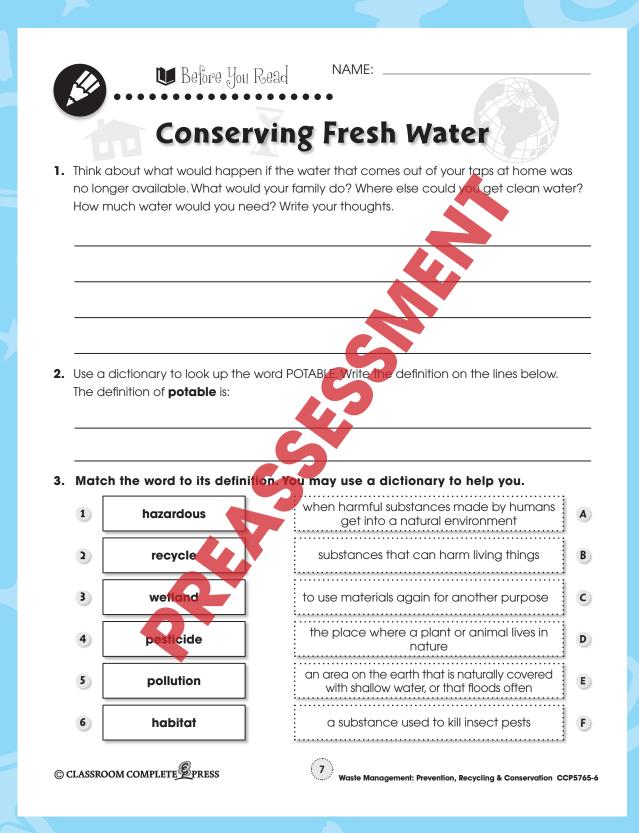
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	NAME:	10 Stold	aigad 🕋				NAME	ilit Stelet ve	istail 🔊		
		Activity Two						Activity Five			
		Modern Sculpture						Build on Alternative Energy Toy			
		if way to reuse objects and materials that y phas is all that is node in three dimensions a way around it, like you would a piece of fa			NAME	III Clobal victor		nergy courses to power homes, busines gy to build fan toys with moving parts?	, and cars. But you		
NAME III Stadul Vidgial		uptures were made to local like real people or t in usually made of stone, like marbies Artists that				Activity Four		of energy you would like to use to power			
Activity One		the variety of scupture. These modern of scup is natural works but many times they are abilit to even your ablects if has other types of mea				Fign a Sustainable Business		sue, wind, and running wates You can b			
Sustainability Sideshow		Ideas, such as FORM, SKAPS, UNI, COLOR, a of SOCIAL or IMADINATIVE Ideas, Modern or			The si	Imale surfainable business uses only RIMWARA RIDOUTCES or	• (maxim how (how		and the succession of the		
Now learned that NONERSYMALS recourses are limited. Once they are a will not be replaced for millions of years. MINEWALL resources are real	materials fain ever	ryday itte to represent ideas in abstract souph.	w			ATTE. That is a difficult goal! But every chep towards being sustain samess, the environment, and future generations of people. Let's	to build Look Through	books, magazines, and the internet to get	kless Time about		
quickly by Earth processes. However, they can became unavailable if th No fail or it they became autilited, in this activity, you will create a stid	In this outletty, you everyday life.	a will create a piece of modern art with rea	ed objects tram your			inable you can be as a business owned house your business. What froe of business would yourise to run? It		I was bed with your power source. You m ed toys, Children used to have many types			
had been a series of the serie		A from your everyday the that you would other			0.042	be profiling? Any hos of business can go "dreen"amusement og	Define Datheres were attemptive sources of	invented) toys the solboots privinees, on energy to move. On the other hond, you in	d water wheek used		
 Mote a list of eight to ten resources that most people use in everyday resource, answer the question. "What can people do now to make sure. 	and dry each abje texture, etc.	ect. Pay attention to choosing abjects with inter-	eding colo; shope,			onics, close, onything? meansh the ways that your business can PEACTICS SUITAINABLE		monges to get energy tion. The sur, like a			- Mi Clobel Volted
available to our great-grandchildren?"		time thinking about what you would like your a				New much energy do you need? Do you need to power a store.	3. Draw a plan for your	Ny. Be are the plan includes measurement	ints and materials.	10 A	
 Come up with three to five action dept that people can do to come moutoe on your bit, themember that comencition is about applications 		If you have teamed about, such as suitain ability in people depend on resources. Third, about he		In Clobal victors		venues19/hot types of othernative tues and renewable energy at mail practical for your built real?		T BA VOL WE THIN DOD DATE WAY SO AN			tivity Six
about potecting them from pollution.	Trees Ideas in source books in order to g	pture fourney want to took at examples at ma jet more kleas.	den sculpture in library		0	What types of land resources do you need? Are you monufactly being tood? What material do you need? Bhat are some way?	If you need to use por	we take or shap outing tools too witnee of it open t was perfectly of that that ha	ci to feel your flag.	Resear	ch Alternative Fuels
 Using a slide show computer program, areate a slide for each resource should contain the following: 	Finally, areate your materials	audplane that we de of your objects, along w	h some of the following	Activity Three	-	modernas subanacily? What types of wante sell your business make? Wil you have son doministration froms to your factory? Will you have to handle hand a	toymotions by to figure	a out what the problem is and their make and what the problem is and their make and uction in order to fis the problem. Dor	adjustments to the	that the world area to use a participer.	's supply of petroleum oil will sun out in <u>your</u> demailive energy sources to power homes,
 A title (usually the name of the resource) 		 accessors 	3	Design Your Own Green Home		Watewater? How can you handle your wades subanably? How c reduce and reve?	B Intro your for to cross	Boton how you built tond how I wone	ano on sterr stur	Report of the	ech topic ended to demotive energy You how
 Tree to the paints with the action deps for conserving the resource 		• 1000 • web	3	design your own custainable home!		New can your business "close the loop?" Are Trace by ways to your waters into material that you can use approach and appro? Or i		the, give a demandration of new Events		Croome up w	In a different topic that interests you if you choose dealers with your teachers with the topic and a few
 A photograph or visual image representing effect the resource or on octon deps 		• para	3	tang" or "freen Architecture". Find out about		To reverse your washes for a different purposed for example, a page of deducty until des on backets made form their own used washable	use to share with your	menocation, such as in subeam, take pro class.	haves of your toy in	Different in your i	www.co.
The skillednaw should also contrary	Display your off in 1 represents Also incl	the closecore. Mille a brief explanation of wi bude a Bd of all of the objects you reused to m	at your soulphare also your soulphare.	gy sources for homes, such as solar and wind as that use less energy		In your Business alian. Describe your Durines in WORDS PICTURE	Water and states to	of Maybe you will be inspired to despin on		-	
An opening side, with an introduction that draws people in and test				supplies, recycled and nonload building indexids		OPAMS IN- sale your busines plan includes					ergy technology in China.
important to learn more about subalhability	C-CLARROOM CORPUS	ndina Sananyarta	to, beying a femalestic states	had a the effect of the placement of windows, height of present heights and cookies address, choice of landace	ceange,	the type of business—the services and products you will offer the name and location of your business.	o a concern contra for			Rang solar par	made? What are the advantages to the whole es in Ching? Which countries is Ching setting their
A closing state, with a summary Be sure that each state clear and early to read. Write a shart sarbet for it			1 1000	head sheath officit which designs and moterials to choose		A description of the facilities, machines, vehicles, etc., that you will a description of your everyday coestitions			/	15 Bill? Why?	ortears of hydrories his power.
that you will know what to say for each slide during the slideshow presents				need a level to check which designs and inchercis to choose nee of home you would love to have. Do you want a lovely		A compare bit, with explorations, of oil of the sustainable practices y A decusion of how your busines compares to a similar land of busines					ormatic dame in your country? Acount the world?
 Dive the alderhow presentation for your class. At the end, as it anyone has 	a questions		The country or a cost of	per or norm you want to be a want to two-in a place with and topologic environment?	1 a showy	A decusion of how your busines, composed to a smaller and of busine NOT practice subtanability how much energy and resources will your sales? How much collution does the other business make? How much			kuning	water to get powe	"Now do the dona ham eccepteriz? How do the ony dons been toset down in your country? Why?
All your teacher for help and permission to past your stideshow on your class w	NG424			 Start by making a list that contrains all of the materials at 		do you make?			 Particul In 	chastery to pow	r can and other automatiles.
_			features of each syste	n of the home:		anaron from Carton and and and and and and and and and an					
Consectores and the second sec				Koundation Kranina							nade sutanabet
	_			 Cutside walls 					current your will nee	dito use the mant	and library resources, Since Tress Topics are very up to date resources available the sure to crosser
				Boat Boat Boat Boat					all of your question		
				 Rooing Heating and Coaling 					Propare a report 1 lance includer	s share with your o	las. You may choose the format of your report Some
				Punding Insidon					· owners	port including prior	rographs and diagrams
				 Electrical and Energy Source 							dan using overhead projector time { or other physical props
				 Landscoping 					· o toped tel	evision documents	av data most
			You may want to look in types at information the	h the library for building plans to see how they are drawn, o ly include. Have fun drawing and designing your home:	and what				C CLARROOM COMPLE	-Anna	®
			Display your drawings t of of the dreen hollow	or the class, and make a presentation to tell your classification	es about						
			at of the direct facture								
			COMPANY AND A	(Maria and Andreas and Andre							







NAME:

🖤 Reading Passage

Conserving Fresh Water

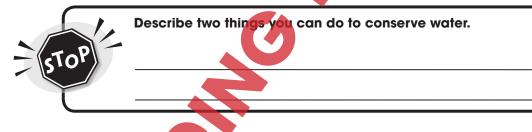
How can we conserve water at home?



resh water is a very important resource. Although it is renewable sources of fresh water can run out if people use too much. Sources of fresh water can also become **contaminated** with pollution.

The first step in conserving fresh water is to reduce your water use. Turn off the water when you are brushing teeth. Take shorter showers. Be sure to run clothes and dishwashers only with full loads. Fill gardens with plants that grow well in your area, and that do not need a lot of extra watering.

Another important step in conserving water at home is to be careful about what goes down your drain. Never pour **toxic**, or **hazardous**, substances down your drain or into the sewer. Common household hazardous substances include harsh cleaners, bleach, motor oil, pesticides, and oil-based paints. These substances can contaminate water supplies. Dispose of these substances at a hazardous waste collection site, never down a drain.



How can cities and towns conserve water?

Cities, towns, and even businesses can use recycled water for some purposes. **Recycled water** usually refers to water that has undergone the sewage theatment process. Instead of releasing the treated water back into the environment, it can be used for purposes other than drinking or washing. Recycled water is often used to water plants along highways and lawns of city buildings. In factories, recycled water can be used to cool machines. Sometimes, towns can even use recycled water to restore wetland



habitats. Recycled water is not for drinking, though. When it is used to water lawns, you might see a sign warning that the water is not **potable**, or drinkable.

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Waste Management: Prevention, Recycling & Conservation CCP5765-6



NAME:	After You Read 🗭 👔
Con	serving Fresh Water
3. What is recycled water	
4 Deseribe three differen	
 Describe <u>three</u> different 1) 	ruses of recycled water.
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Extension & Application

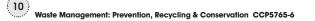
- 5. Learn more about recycled water. Begin by researching recycled water using the Internet or library resources. Find the answers to the following questions:
 - How is water recycled by cities? What facilities are needed?
 - How can water be recycled in a home or building? What equipment is needed?What are more uses of recycled water?

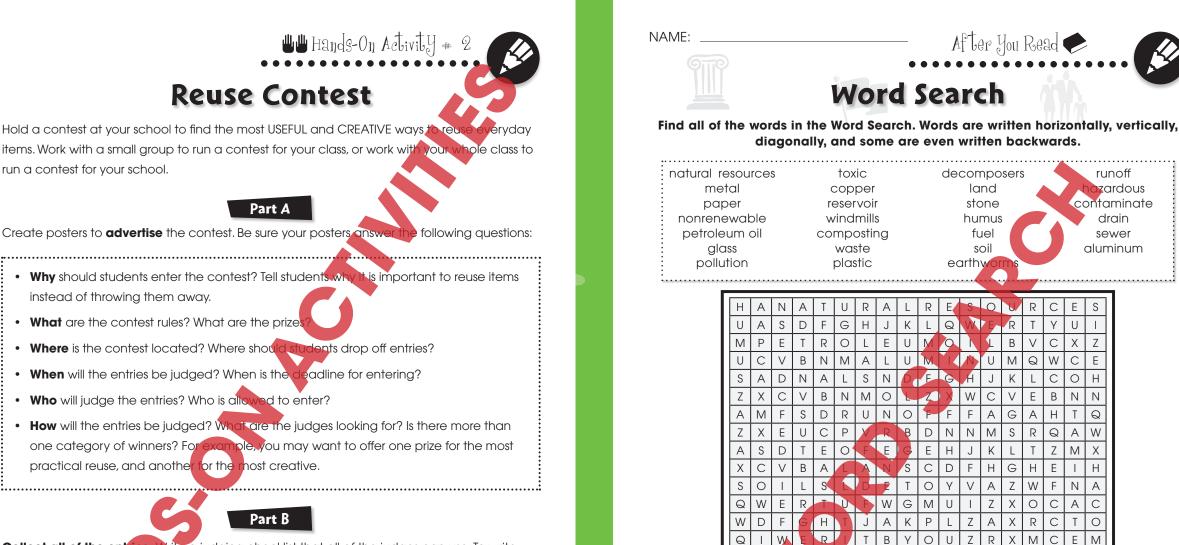
Then, contact your **local government agencies** to find out if water is being recycled in your area. Find the numbers for your local government in the phone book. Look for the planning department, department of works, environmental departments, or parks departments. Ask the following questions:

- Does our town recycle water?
- Where are the water recycling facilities?
- How is the recycled water used?

Present your findings to your class in a poster or oral presentation.

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Collect all of the entries. Write a judging checklist that all of the judges can use. To write your checklist, think about what are the most important things you want to look for in entries. Do you want to use a point system for judging?

Choose the winners and runners-up. Keep the best projects on display for a week or two for parents, te eachers, and students to view.

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Part C

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aste Manaaement: Prevention, Recycling & Conservation CCP5765-6



After You Read 🤛

1. Explain the difference between **renewable** and **nonrenewable** resources. Give examples of each.



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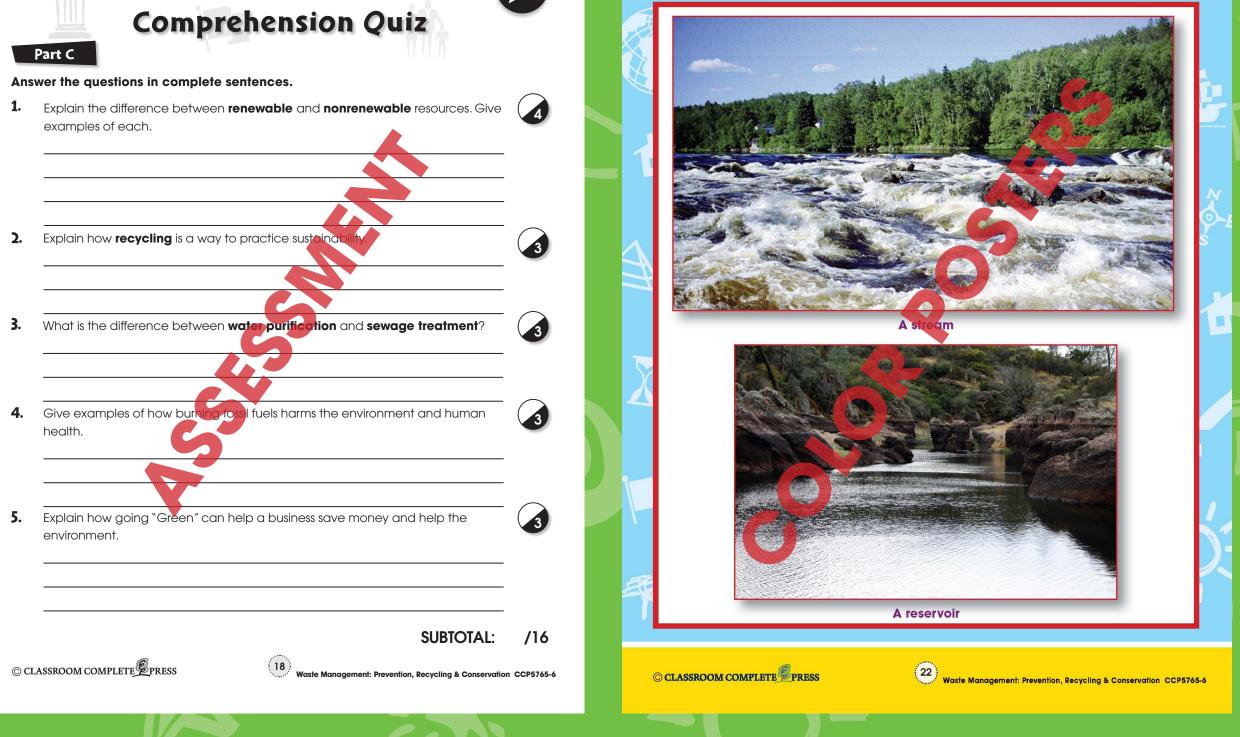
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GTC		Jou Read 🗭		
Cons	erving Fresh	Water		
What is recycled water?				
			3. Water that has undergone the	Ar
Describe <u>three</u> different	-		sewage treatment process	•
·			4. Answers will vary, but should NOT include drinking or washing	
3)				Ar
Extension & Applic	ation			· · · · ·
Internet or library resource How is water recycled 	ed water. Begin by researching s. Find the answers to the followin by cities? What facilities are nee cycled in a home or building? Wh recycled water?	ng questions: ded?		
in your area. Find the num	jovernment agencies to find ou pers for your local government in department of works, environme wing questions:	n the phone book. Look fo	or	Aı
 Does our town recycle Where are the water re How is the recycled water 	ecycling facilities?		(10)	
Present your findings to yo	ur class in a poster or oral preser	ntation.		•

