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✓ 6 BONUS Activity Pages! Additional worksheets for your students

- Go to our website: www.classroomcompletepress.com/bonus
- Enter item CC5774 Conservation: Ocean Water Resources
- Enter pass code CC5774D for Activity Pages





NAME:

Where is Earth's Salt Water?

1. Circle) the word TRUE if the statement is TRUE or Circle) the word FALSE if it is FALSE.

a) Most of Earth's salt water is in salt lakes.

TRUE FALSE

b) Evaporation transfers water from the oceans to the

TRUE **FALSE**

c) Frozen water is called "water vapor."

TRUE

d) Rainwater is fresh water. **FALSE**

TRUE

e) All salt lakes are connected to one of the

FALSE

2. Put a check mark (\checkmark) next to the answer that is most correct.

a) What is the water cycle?

- O A a human-powered ocean-going vehicle
- O B the chemical reaction that produces water
- O c a device for lifting water from a river to irrigated fields
 O D the natural process that transfers water in the global environment

b) Which ocean is farthest north?

- O A Arctig
- O B Atlantic
- \circ c

c) Which process changes water from a gas to a liquid?

- O **a** condensation
- O **B** evaporation
- O c precipitation
- O **p** runoff

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After You Read 🔷

NAME:

How the Amount of Salt Water Could Change

1. Put a check mark (\checkmark) next to the answer that is most cor

a) Which of these bodies of water is shrinking?

- O **A** the Aral Sea
- O **B** Lake Superior
- O c The Arctic Ocean
- the Mediterranean Sea

b) Where is the South Pole located?

- A Iceland
- В Antarctica
- **c** Greenland

O **D** The Arctic Ocean

1	ice sheet	a large island near the North Pole
2	Aral Sea	a thick layer of ice covering a large area of land
3	Greenland	a permanent ice field slowly moving down a mountainside
4	glacier	the location of most of Earth's ice
5)	Antarctica	a salt lake in Asia

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NAME:

Reading Passage

Climate Change and Salt Water

wenty thousand years ago, The level of the ocean was 120 meters (400 feet) lower than it is today! Sea level depends on global climate, and Earth's climate is changing. One of the most important factors affecting climate is the **greenhouse** effect.

A greenhouse effect occurs wherever there is a layer of material that transmits light more readily than it transmits heat. In a greenhouse where



plants are grown, the layer is glass. Surlight passes through the glass, which warms the inside. Much of the heat produced is trapped because it cannot pass out through the glass.

For Earth the layer that **transmits** light and traps heat is a layer of gases in the atmosphere. These gases are called greenhouse gases. One of the most important greenhouse gases is carbon dioxide which is released whenever we burn **fossil fuels**, such as **coal**, **oil**, and **natural gas**. Because people have been burning a lot more fossil fuels over the past 100 years, the greenhouse effect has gotten stronger, more heat has been trapped, and Earth has gotten warmer.



entify three fuels that release carbon dioxide when they are burned.

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NAME:

How the Purity of Salt Water Could Change

answer the questions in complete sentences.				
	a)	Other than the greater amount, what makes today's ocean trash more of a problem than trash thrown in the ocean 200 years ago.		
	b)	Explain why an oil spill is more destructive to ocean habitat than a coal spill.		

Extension & Applications

d can lead to the death of fish in an area of the ocean. Spreading fertilizer on a field ead from fertilizer to dying fish. You will need to and use the words "runoff", "algae", and "oxygen."









Hands-On Activity # 2

Activity Two

Write a Report:

Write a report on the deepest spot in the ocean. Your report should answer these

- Where is the deepest part of the ocean?
- How deep is it?
- What is the pressure there?
- Does anything live there?
- People have only been there once:

) 0	How many people went?
)))	What did they see?
0	What were the special features of their vessel that made the trip possible?
) 0	Are there any vessels today that could go to this depth?
<u>~</u>	





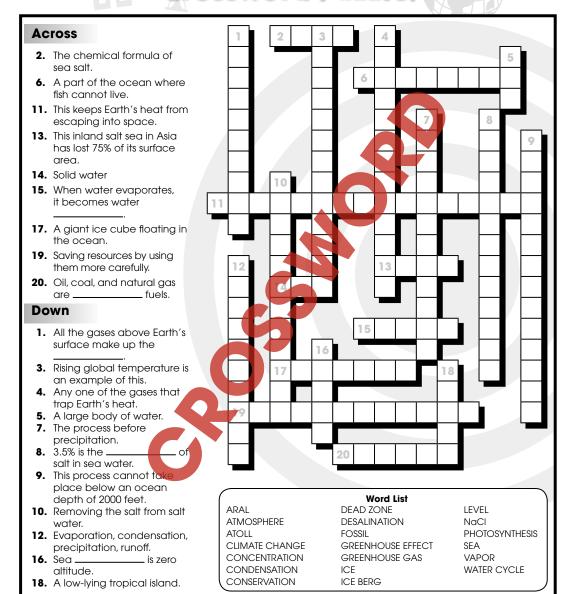
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After You Read

NAME:

Crossword Puzzle!



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Sea Level Rise

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2012

2010

2008

2006

2004

2002

2000

8661

9661

766L





NAME:

Comprehension Quiz



Part A

Circle the word **TRUE** if the statement is TRUE **or** Circle the word **FALSE** if it is FALSE.



Ocean water is 71% salt. **TRUE FALSE**

3. Water enters the ocean through runoff and leaves by evaporation.

An increased greenhouse effect will lead to higher ocean levels.

5. Most of Earth's ice is in icebergs. **TRUE FALSE**

6. Fertilizer runoff can cause ocean dead **TRUE FALSE**

vage treatment plants. 7. Materials poured down storm drains go to se **FALSE**

TRUE

Put a check mark (\checkmark) next to the answer that is most correct.

- a) Which of these is a greenhouse
 - O a oxygen O B nitrogen O c carbon did
 - O **b** sodium chloride
- b) What percent of Earth's water is
- salt water? O **A** 3.5% O B 29%

O **c** 71% O **D** 97.7%

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- c) What problem might people living on tropical atolls face if global temperature continues to rise?
 - O **A** drought O B flooding
 - O c pollution
 - \bigcirc **b** tsunami



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ged revel (mm)

NAME:		





How the Purity of Salt Water Could Change

1. Fill in each blank with a word from the list.

b	iode	gradable	dead zone	mercury	habitat	fertilizer
	a)		_ runoff from fields co	an create an oce	an	·
	b)		_ tends to concentro	ate in species at th	ne top of a food c	hain.
	c)	Wood is more	than	plastic.		
	d)	Oil spills cause da	mage to marine	s.		
2.	Put	a check mark (v) next to the answe	er that is most co	rrect.	
	a)	If a material is b	iodegradable, it me	eans		

- O **A** it is toxic to most animal life. O **B** it is natural rather than synthetic. O **c** it serves as food for several different species. O **p** it is decomposed quickly by natural processes.
- b) What is the main reason marine debris tends to collect in certain parts of the ocean?



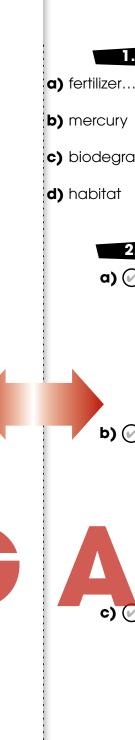
MARKINGA

- ocean currents
- c) What do ocean dead zones lack that is needed to support fish and other marine animals?
 - O a oxygen O **B** plant life

 - **c** nutrients
 - carbon dioxide



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1.	3.	1.	
erdead zon	ne a) Most of the materials thrown into the ocean	a) TRUE	
ury	100 years ago were biodegradable.	L\ TDUE	Lligher temperature
egradable	, in the second	b) TRUE	Higher temperature melts more ice
at		c) FALSE	causing sea level to rise and flood low-lying land.
2.		d) TRUE	32
a) Ø D	b) Oil floats on the	e) FALSE	1.
	surface where it sticks to animals and damages habitat, whereas coal sinks to the bottom.	2.	D
o)	Answers will vary: The steps leading from fertilizer runoff to dying fish are as follows:	a) 🕢 C	2.
e)	Fertilizer runs from fields and into streams that lead to the ocean. Nutrients in fertilizer encourage the growth of marine algae.	b) Ø B	b) TRUE
	Algae die.		c) FALSE
	Algae are decomposed by organisms that remove oxygen from the water.	c)	d) TRUE
	Fish die from lack of		e) FALSE