

**FOOD, LAND, AND PEOPLE
FCAT ASSESSMENT QUESTIONS
PRE/POST TEST
Answer Key**

DON'T USE IT ALL UP

Please select the **best** answer.

1. SC.D.2.2.1, SC.G.2.2.1(AA)

Nonrenewable resources were created on earth over a long period of time. These resources are available in limited amount. Once they are used up, they are gone forever. Which of the following is a nonrenewable resource?

- A. Nitrogen
- B. **Oil**
- C. Pine trees
- D. Water

2. SC.D.2.2.1, SC.G.2.2.1(AA)

Renewable resources can replace themselves. Nonrenewable resources are limited and once they are used up, they cannot be replaced. Which of the following is an example of a renewable resource?

- A. Aluminum
- B. Coal
- C. **Forests**
- D. Natural gas

3. SC.D.2.2.1, SC.G.2.2.1(AA)

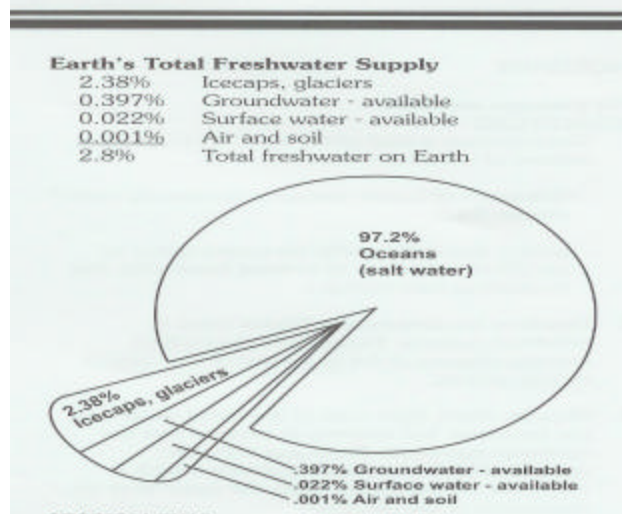
Key West is an island located at the southern tip of Florida. Its only source of fresh water is rainfall and water that is pumped in from the mainland. The larger the population of Key West, the greater the impact on their water supply. Everyone is encouraged to reduce the amount of water that is consumed. Which of the following is NOT a good way to conserve water?

- A. Fix all leaky faucets.
- B. Shorten the time of your shower.
- C. Wait until the dishwasher is fully loaded before turning it on.
- D. **Water the entire garden instead of around each plant.**

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4. MA.E.1.2.1

Stephanie's teacher explained that $\frac{3}{4}$ of the Earth's surface is covered with water. She showed the pie chart below to the class. She said there is an abundance of water, but the Earth's fresh water is a limited resource.



According to the chart, where is the largest portion of freshwater found?

- A. Air and soil
- B. **Ice caps and glaciers**
- C. Groundwater
- D. Surface water

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5. SC.D.2.2.1, SC.G.2.2.1(AA)

People use water daily in many ways. The Smith family has 4 members. The chart below shows how many gallons of water (gpd – gallons per day) this family uses in one day.

| HOME WATER USE | GALLONS OF WATER PER DAY (gpd) |
|------------------------------------|---------------------------------------|
| Flushing the toilet | 25 |
| Taking Showers | 24 |
| Washing clothes | 8.5 |
| Washing cars | 2.5 |
| Operating garbage disposal | 1 |
| Brushing teeth | 4 |
| Washing dishes | 5 |
| Cooking food and drinking | 5 |
| Watering lawn and maintaining pool | 25 |
| TOTAL | 100 |

What percentage of their gpd is used for showers, brushing teeth, and washing dishes?

- A. 60%
- B. **33%**
- C. 28%
- D. 8.5%

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PERFORMANCE TASK: SC.D.2.2.1, SC.G.2.2.1(AA)

Water is a valuable resource that people use everyday. It must be conserved to protect our quality of life. Make a list under each title of ways you use water. Pick one category and describe what you can do to conserve water in that area.

[Accept all reasonable answers that conserve water. See supporting information.]

