

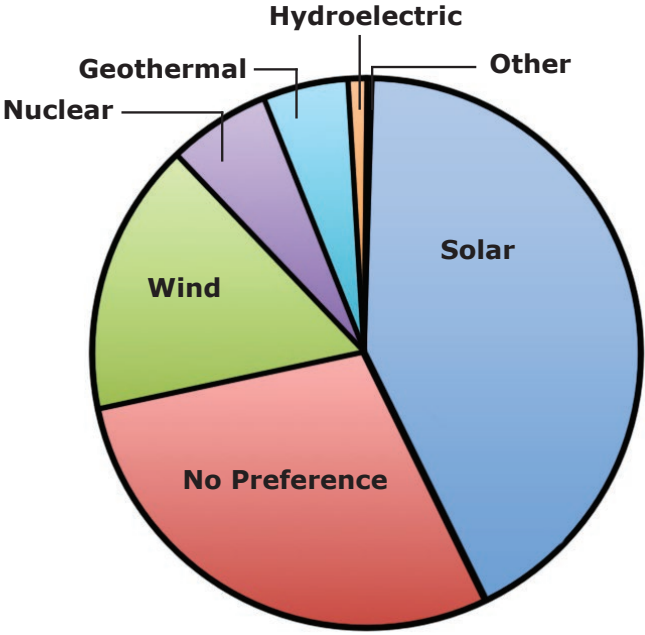
Name \_\_\_\_\_ Date \_\_\_\_\_

Read this passage. Then answer the questions.

## The Cape Wind Project

- 1 As the world’s population grows, the demand for electricity grows as well. People are searching for cleaner and cheaper ways to produce electricity. One energy source that people are looking at more closely is wind power. Wind power is produced using wind turbines. As wind causes the large blades of the turbine to spin, they create electricity.
- 2 Currently in the United States, most electricity is produced by burning fossil fuels. The supply of fossil fuels such as coal and oil is limited. Burning fossil fuels also produces smoke that gets into the air. The smoke contains toxic gases. These gases can harm plants and wildlife. Wind power does not produce pollution. Unlike coal and oil, wind is a renewable resource. We will never run out of it.

U.S. Consumers’ Preferred Renewable Energy Source, 2013



- 3 Wind power is a fairly popular choice among Americans who have an opinion about renewable energy. Some people, however, strongly object to wind power in their communities. This has recently been the case in Cape Cod, Massachusetts. The Cape Wind Project is a “wind farm” of 130 wind turbines proposed for the shore off Cape Cod. Cape Cod is a popular summer vacation spot. Opponents of the Cape Wind Project say that offshore wind turbines will destroy Cape Cod’s natural beauty. They fear that fewer people will visit Cape Cod. They also say the turbines are noisy and could harm wildlife. Supporters of the project say that the Cape Wind Project will provide clean energy. They claim that it will provide jobs and make electricity in the area cheaper.
- 4 The Cape Wind Project has been in the planning stages for over a decade. The controversy has not ended yet. While some still want to halt the project, builders hope to begin construction soon. The U.S. Department of Energy has set a goal. By the early 2020s, the United States will produce 5 percent of its electricity using wind power. If supporters of the Cape Wind Project can make it happen, the country will move a little closer to that goal.

1. Read paragraph 1. Underline the sentence that states the main idea of the passage.

As the world's population grows, the demand for electricity grows as well. People are searching for cleaner and cheaper ways to produce electricity. One energy source that people are looking at more closely is wind power. Wind power is produced using wind turbines. As wind causes the large blades of the turbine to spin, they create electricity.

2. This question has two parts. Answer Part A and then Part B.

**Part A** What does the word toxic mean as it is used in paragraph 2?

- A bad for health
- B ugly to see
- C produced as waste
- D hard to avoid

**Part B** Which sentence in paragraph 2 provides the **best** clue to the meaning in Part A?

- A "Currently in the United States, most electricity is produced by burning fossil fuels."
- B "Burning fossil fuels also produces smoke that gets into the air."
- C "These gases can harm plants and wildlife."
- D "Unlike coal and oil, wind is a renewable resource."

continued 

3. Which statement from paragraph 3 is supported by evidence from the pie chart?
- A "Wind power is a fairly popular choice among Americans who have an opinion about renewable energy."
  - B "Some people, however, strongly object to wind power in their communities."
  - C "Supporters of the project say that the Cape Wind Project will provide clean energy."
  - D "They claim that it will provide jobs and make electricity in the area cheaper."
4. Based on the pie chart, choose the **three** highest ranked answers to the 2013 poll of consumers' preferred source of renewable energy. Write the answers into the correct places in the chart.

<b>Highest Ranked Answers</b>
1.
2.
3.

**Consumers' Answers to 2013 Poll**

- A Geothermal
- B Hydroelectric
- C No Preference
- D Nuclear
- E Solar
- F Wind
- G Other

5. Read this sentence from paragraph 3.

Opponents of the Cape Wind Project say that offshore wind turbines will destroy Cape Cod's natural beauty.

Which word has the same ending vowel sound as natural?

- A hotel
  - B label
  - C rainfall
  - D awhile
6. Read these sentences from paragraph 3, and look at the underlined phrases. Choose **three** phrases that show the author is presenting other people's views in an objective way. Circle the phrases you choose.

The Cape Wind Project is a "wind farm" of 130 wind turbines proposed for the shore off Cape Cod. Cape Cod is a popular summer vacation spot. Opponents of the Cape Wind Project say that offshore wind turbines will destroy Cape Cod's natural beauty. They fear that fewer people will visit Cape Cod. They also say the turbines are noisy and harm wildlife. Supporters of the project say that the Cape Wind Project will provide clean energy. It will also, they claim, provide jobs and make electricity in the area cheaper.

continued 

7. This question has two parts. Answer Part A and then Part B.

**Part A** What is the main idea of paragraphs 3-4?

- A** The people of Cape Cod oppose the wind project because they don't understand how it will help them.
- B** The proposed Cape Wind Project has supporters and opponents.
- C** The people who support the Cape Wind Project are not concerned with the beauty of the shore.
- D** The U.S. government has taken action to end the disagreement over the Cape Wind Project.

**Part B** Which detail from the passage **best** supports the answer to Part A?

- A** "Wind power is a fairly popular choice among Americans who have an opinion about renewable energy. Some people, however, strongly object to wind power in their communities."
- B** "The Cape Wind Project is a 'wind farm' of 130 wind turbines proposed for the shore off Cape Cod. Cape Cod is a popular summer vacation spot."
- C** "The Cape Wind Project has been in the planning stages for over a decade. The controversy has not ended yet."
- D** "The U.S. Department of Energy has set a goal. By 2020, the United States will produce 5 percent of its electricity using wind power."

8. Read this sentence from paragraph 4.

If supporters of the Cape Wind Project can make it happen, the country will move a little closer to that goal.

Which word has the same ending vowel sound as happen?

- A machine
  - B soften
  - C thirteen
  - D begin
9. Choose **two** details drawn from the passage that provide **objective** evidence about the benefits of wind power. Check the box beside each detail you choose.
- It does not produce pollution.
  - It may provide much-needed jobs.
  - It is produced with noisy wind turbines.
  - It is a renewable resource.
  - It is currently used less than old-fashioned fossil fuels.

