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NAME

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DATE

# Blue Impact: Whales

## Student Sheet

### DIRECTIONS

Answer the following questions while watching the New England Aquarium's **Blue Impact Whales: Roadwork Ahead** video. It is a good idea to read all the questions before you start the video. You may also need to pause or replay sections to help you answer the questions.

### QUESTIONS

**For question #1, pause the video at minute 1:30. Answer the question, then continue the movie.**

1. One of the researchers spots a female whale from the plane. What are some possible reasons why the researchers observe the blood in the water, and the rolling and thrashing? Write your hypotheses below:

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2. Right whales eat a very specific species of zooplankton called \_\_\_\_\_ .
  - a. fish
  - b. copepods
  - c. calluses
  - d. clams

3. This species of zooplankton is smaller than \_\_\_\_\_ .

4. How many times smaller is the zooplankton compared to the right whale?

- a. 50 times
- b. 50 million times
- c. 50 billion times

5. Right whales eat a lot of copepods to give them energy for \_\_\_\_\_ .

- a. long migration
- b. having a baby
- c. swimming, eating and breathing
- d. finding a mate
- e. all of the above

6. Review your answers from question #1. Was one of your hypotheses correct?

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7. What was happening to the whale?

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8. How are ocean currents created?

- a. wave motion
- b. differences in water temperature
- c. global winds
- d. movement of animals

9. Use the bold words to complete the sentence below:

**north**                    **more dense**                    **warmer**                    **south**                    **conveyor**

Cold, salty water from the \_\_\_\_\_ is \_\_\_\_\_ and  
glides under the \_\_\_\_\_ water from the \_\_\_\_\_ .  
It's called the great ocean \_\_\_\_\_ .

10. Explain how a change in ocean temperature could disrupt the ocean conveyor.  
Use words, pictures or both.

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11. Why are whales not finding their food where they normally do?

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12. What are some ways that we can help whales and the ocean conveyor?

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