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:

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?

7. What was happening to the whale?

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.
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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