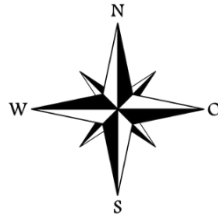




Deeper Currents

Grade 5 Science

Name: _____



Date: _____

Activity 1:

In the video, we saw a demonstration of how the water separated based on cold saltwater and warm fresh water. Which one of these rose to the top?

Circle one:

Cold Saltwater	Warm Freshwater
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Activity 2:

Because warmer air and water rise, and colder air and water sink, this creates cycles and currents in both the air and in the water.

Can you think of a famous air current or a famous ocean current that was named in the video?

Activity 3:

If a ship uses large sails to catch the wind and sail faster, which current would be most helpful?

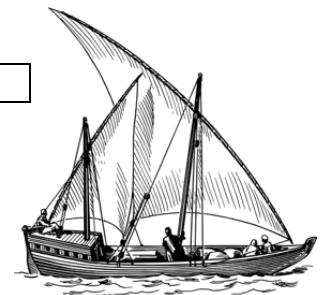
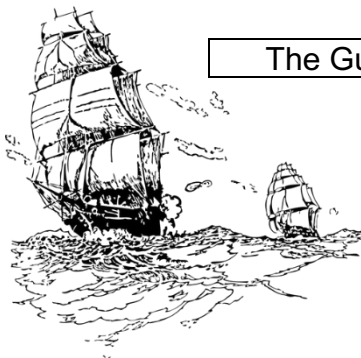
Circle one:

The Gulf Stream	The Trade Winds
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If a ship does not use sails, but instead rides the waves, which current would be most helpful?

Circle one:

The Gulf Stream	The Jet Stream
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Deeper Currents

Activity 4:

The map below shows the flow of well-known ocean currents. Use markers or crayons to draw shipping paths on the map:

- Draw an arrow for the fastest path along the currents from point 4 to point 1 in the red.
- Draw an arrow for the fastest path along the currents from point 2 to point 4 in orange.
- Draw an arrow for the fastest path along the currents to connect points 5, 2, and 3 in blue.
- Finally draw the **worst** way to connect points 3 and 5 in green.

