DoodleBeez Worksheets

Grades 6 to 8 | Science

Name: Date: Score: / 8

Ocean Currents: Learn and Practice

How moving seawater shapes climate.

Read each question. Circle the best answer.

💡 Ocean Currents

- Surface currents are mostly driven by wind.
- Deep currents are driven by differences in temperature and saltiness.
- Currents carry heat from the equator toward the poles.
- warm current near a coast: milder winters

1 What happens to very cold, salty water near the poles?

A. It sinks deep B. It boils C. It evaporates away D. It rises up

2 What is upwelling?

A. Waves crashing on shore B. Ice melting at sea C. Warm water sinking D. Cold deep water rising to the surface

3 Which water is the densest?

A. Cold salty water B. Cold fresh water C. Warm salty water D. Warm fresh water

4 Why is western Europe milder in winter than many places equally far north?

A. It has fewer people B. It has more mountains C. It is closer to the Sun D. A warm current brings heat

5 What is the warm current that flows up the east coast of North America?

A. The Sahara Current B. The Arctic River C. The Gulf Stream D. The Polar Stream

6 Which way do warm surface currents usually carry heat?

A. Nowhere at all B. From the equator toward the poles C. Straight down to the seafloor D. From the poles to the equator

7 🌬️ What mainly drives surface ocean currents?

A. Ships B. The Moon C. Fish swimming D. Wind

8 What is an ocean current?

A. A type of fish B. A steady flow of water in one direction C. A big wave from an earthquake D. The daily rise of tides

ANSWER KEY

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