

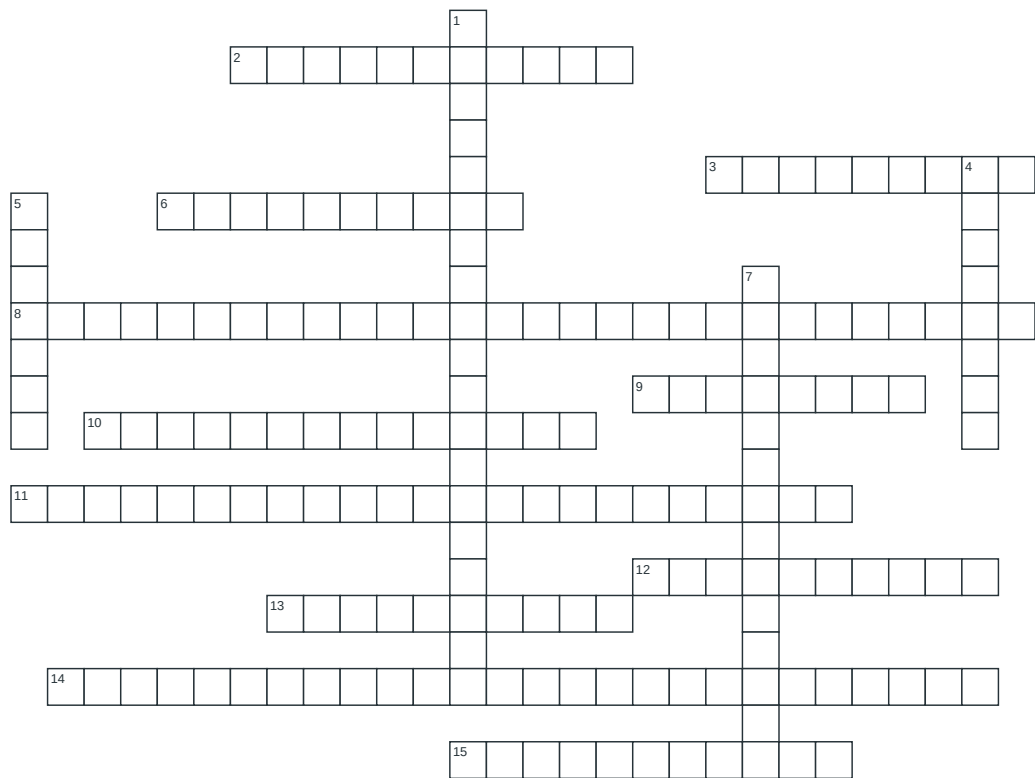
Ocean Currents and Tides Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

- 2. Ocean flow below the surface associated with density differences.
- 3. Rise of deeper, nutrient-rich water toward the ocean surface
- 6. Tides with relatively large ranges when Sun, Earth, and Moon align
- 8. Nutrient-rich deep water reaches a sunny surface region. What response is plausible if other conditions are suitable
- 9. Measure of the amount of dissolved salts in water.
- 10. Ocean flow mainly in the upper layer, often driven by winds.
- 11. Large-scale ocean circulation driven by water-density differences related to temperature and salinity.

ACROSS (continued)

- 12. Upper surface of the saturated groundwater zone.
- 13. Difference in height between high tide and low tide
- 14. Definition of an ocean current
- 15. Water within connected pores and fractures below the water table

DOWN

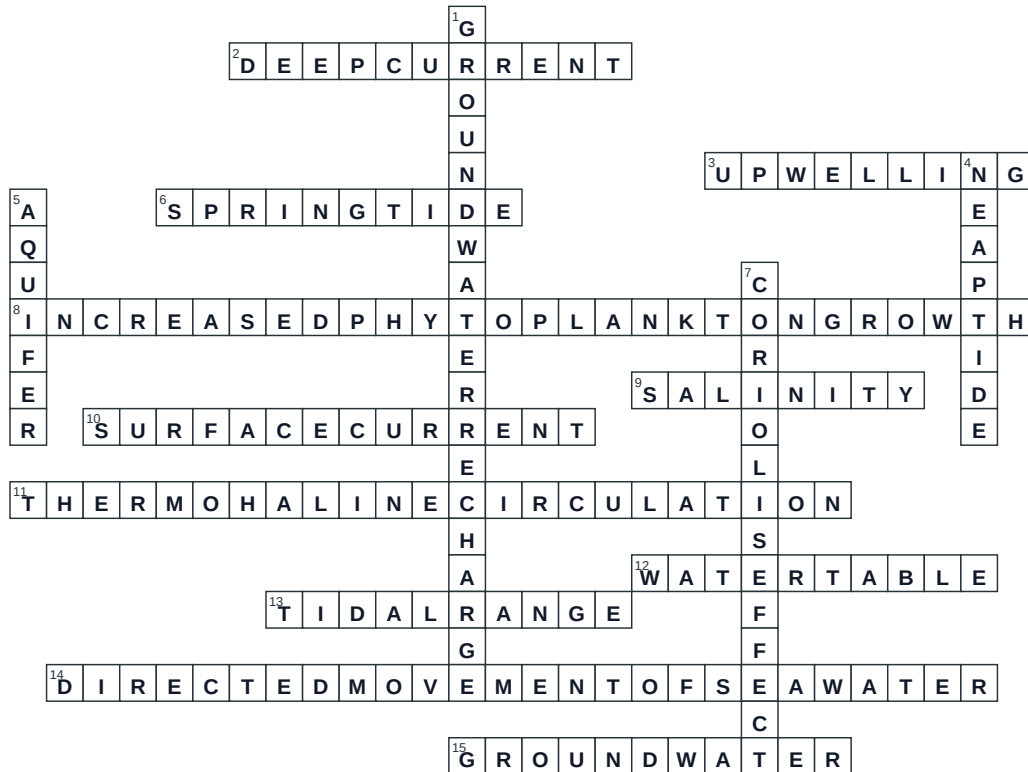
- 1. Water entering and replenishing an aquifer.
- 4. Tide with a small tidal range near first- or third-quarter moon
- 5. Permeable geologic unit that stores and transmits groundwater.
- 7. Apparent deflection of moving air or water due to Earth's rotation.

Ocean Currents and Tides Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

2. Deep current
3. Upwelling
6. Spring Tide
8. Increased Phytoplankton Growth
9. Salinity
10. Surface current
11. Thermohaline circulation
12. Water table

ACROSS (continued)

13. Tidal Range
14. Directed Movement Of Seawater
15. Groundwater

DOWN

1. Groundwater recharge
4. Neap Tide
5. Aquifer
7. Coriolis effect