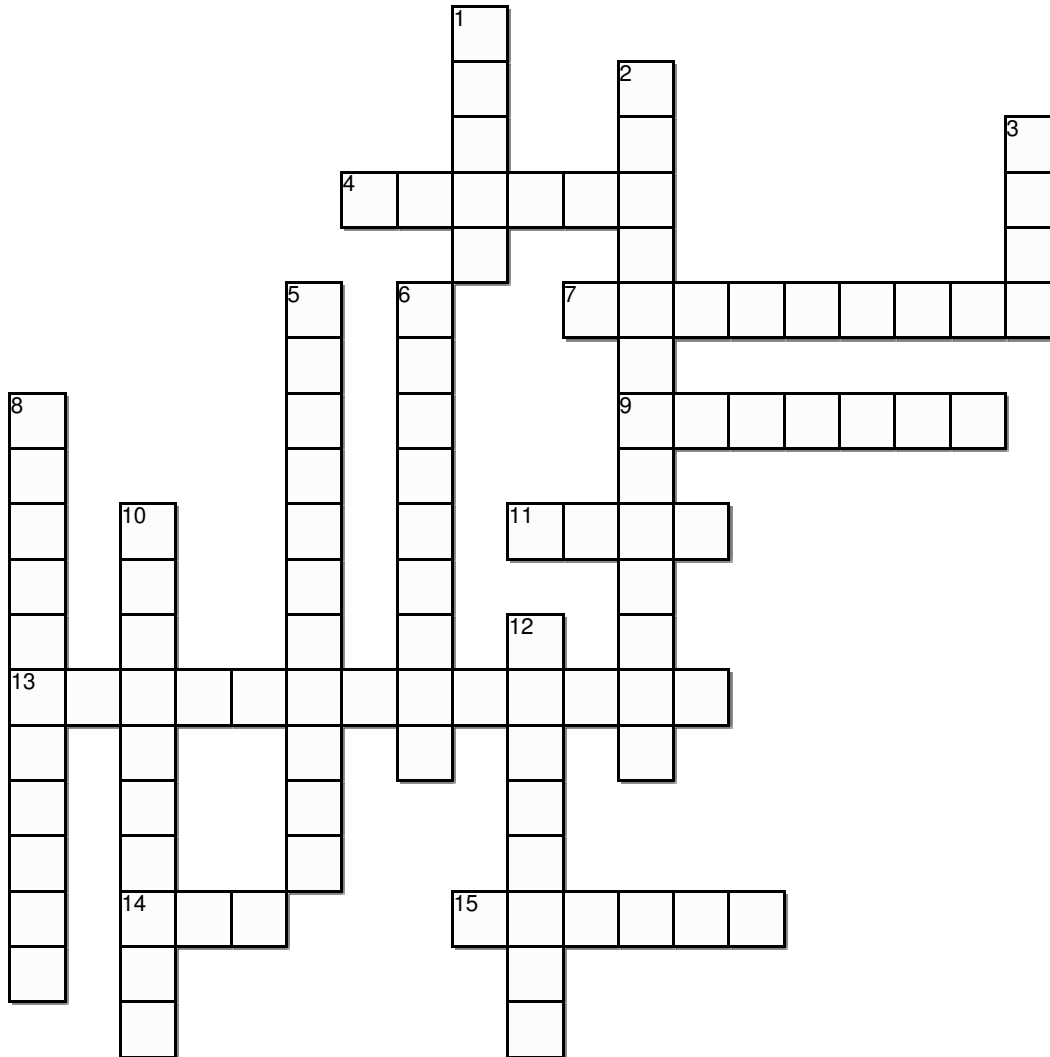


Name: _____

Semester Project Written Activity

Complete the crossword below using your knowledge of ocean tides.



Created on TheTeachersCorner.net Crossword Maker

Across

4. spring tides occur when the Sun and Moon are aligned and are _____.
7. quarter moons.
9. the lowest tide height difference occurs out in the _____ part of the ocean at approximately 1.6 feet.
11. the moon rotates _____ every 27 days.
13. alignment of the Earth, the Moon and the Sun cause the most _____ pull resulting in maximum tides.
14. most places in the ocean experience two high tides and two low tides each _____.
15. the highest tide height difference in the world is in The Bay of Fundy in Nova Scotia, Canada at approximately 15 _____.

Down

1. the moon and gravitational forces causes the Earth's water to _____ towards the moon as it orbits Earth.
2. neap tides occur when the Sun and moon are _____.
3. the Earth rotates once on its _____ every 25 hours.
5. the Sun's gravitational forces have a less dramatic effect because of the relative _____.
6. tides _____ in the oceans and progress toward the coastlines where they appear as the regular rise and fall of the sea surface.
8. new or full moons.
10. the pattern of rising and falling sea level, with respect to land.
12. the moon pulls upwards on the ocean while the Earth pulls down; this causes tidal _____.