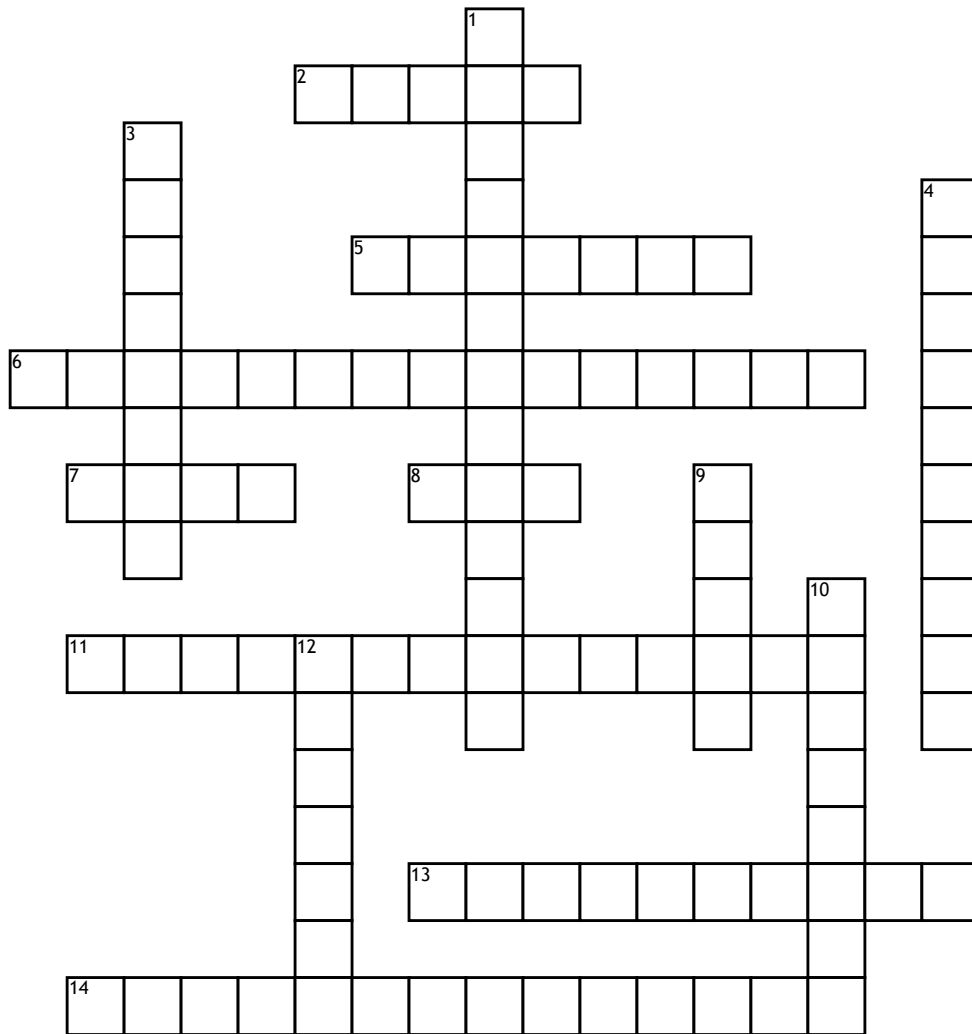


Tides and Gravity Crossword Puzzle



Across

2. Rise and fall of sea levels caused gravitational forces exerted by the Moon and the Sun, and the rotation of Earth
 5. The force that pulls objects together
 6. The beginning of Fall
 7. The Celestial body that orbits planet Earth
 8. The star that Earth orbits around

11. The shortest day of the year
 13. Earth orbiting around an astronomical body
 14. The longest day of the year

Down

1. The beginning of Spring
 3. Earth spinning on its axis
 4. The tide that occurs when the the difference between high and low tides is the greatest - occurs on new and full moons

9. Earth's path around the sun
 10. The tide that occurs when the the difference between high and low tides is smaller - occurs when the Sun, Moon, and Moon are at right angles
 12. When the Sun, Earth, and Moon are aligned

Word Bank

- | | | | |
|------------------|----------------|-------------|-----------------|
| Sun | Rotation | Neap Tide | Winter Solstice |
| Moon | Revolution | Spring Tide | Orbit |
| Autumnal Equinox | Vernal Equinox | Tides | Gravity |
| Summer Solstice | Eclipse | | |