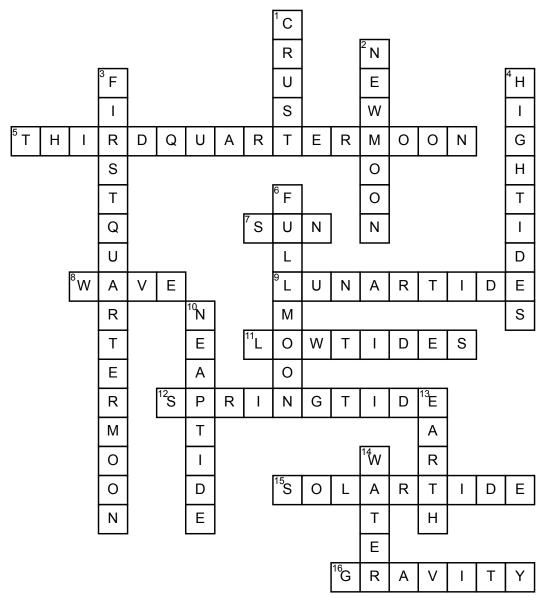
Name:	Date:	Period:	

Tides



Across

- **5.** A moon phase where the left half of the moon is lit
- **7.** any star around which planets revolve
- **8.** a disturbance caused by a vibration
- **9.** the part of a terrestrial tide due to the mutual attraction between earth and moon
- **11.** the state of the tide when at its lowest level
- **12.** a type of tide that occurs when the sun, moon, and Earth are in a straight line

- **15.** A partial tide, with a period of 12 hours, caused by the tide-producing force of the sun.
- **16.** a force that exists between any two objects that have mass

Down

- **1.** the layer of rock that forms Earth's surface
- 2. the phase of the moon when it is in conjunction with the sun and invisible from earth
- 3. A moon phase where the right half of the moon is lit and creates neap tides

- **4.** the state of the tide when at its highest level.
- **6.** the phase of the moon in which its whole disk is illuminated
- **10.** produced when the sun, moon, and Earth align at a 90° angle
- **13.** the third planet from the Sun
- **14.** a molecule that contains two hydrogen atoms and one oxygen atom