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Gravity

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| **Across****1.** The two days of the year on which the sun is at its greatest distance.**3.** The partial or total blocking of an object in space**6.** A force that pulls rocks and other materials and attracts objects together. **7.** The study of the moon, stars, and other objects in space.**10.** Partially shaded outer region of the darkest part of the shadow.**13.** The blocking of sunlight that occurs when the moon is in between the Earth and the sun.**14.** One of the different apparent shapes on the moon as seen on Earth.**15.** An imaginary line between the North and South poles.**16.** A tide with the least difference between a low and high tide that occurs when the sun and the moon pull with right angles at each other at the first and third quarters. **17.** The force of gravity on an object.**19.** The partial or total blocking of an object by another in space**20.** The blocking of sunlight that occurs when the Earth is directly in front of the moon. | **Down****2.** The tendancy of an object to resist change of motion.**4.** The path of an object that revolves around another object in space.**5.** A rise and fall of the ocean due to the moons gravity.**8.** The darkest part of a shadow**9.** The spinning motion of a planet in its axis.**11.** The amount of matter in an object.**12.** A tide with the greatest distance between a low and high tide.**18.** A push or pull exerted on an object. |