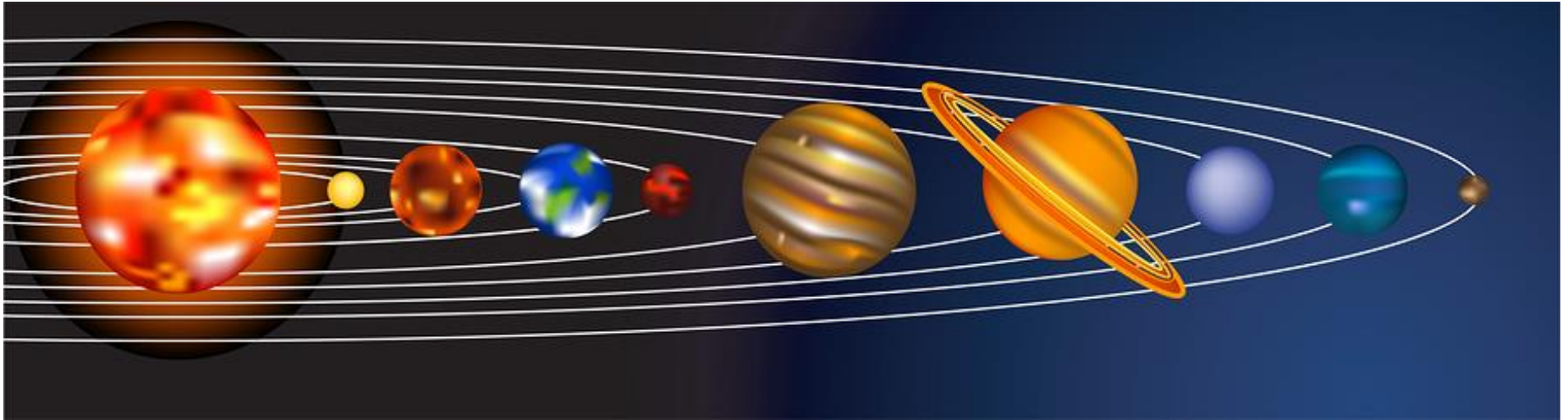


Gravity

Picture Vocabulary

Earth and Space

Gravity



The force of attraction that pulls objects toward each other; the force that controls the motion of our solar system.

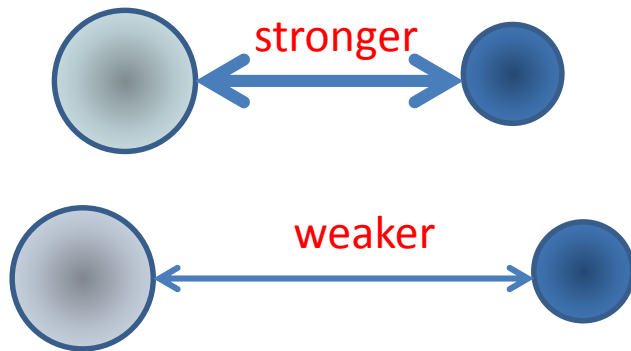
Gravitational Attraction



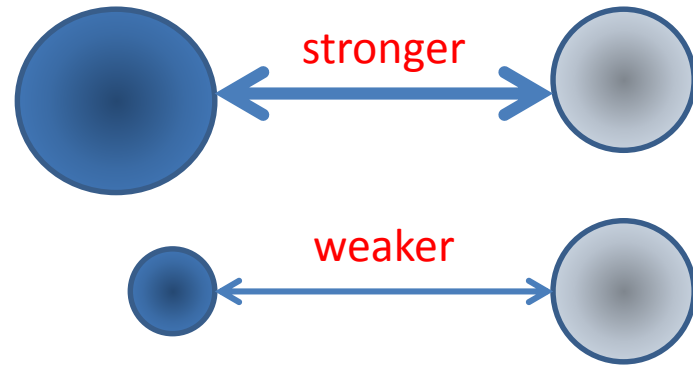
The force that pulls two objects towards each other; the greater the mass of an object, the greater the attraction; the further apart the objects, the weaker the attraction.

Newton's Law of Universal Gravitation

Effect of Distance



Effect of Mass



The law that says that every object in the universe attracts every other object, and that the force is affected by mass and distance: the greater the mass of an object, the greater the attraction; the further apart the objects, the weaker the attraction.

Mass



- 1) The amount of matter in an object
- 2) A body or object