

4th Grade Science Ch. 5-6

Forces and Motion

Mrs. Thornburg's version

Vocabulary Terms in 4th Grade Science Ch. 5-6

Position Motion Speed

Acceleration Force Inertia

Gravitation Gravity Weight

Friction Velocity Work

Simple Machine Fulcrum Pulley

Wheel & Axle Screw Wedge

Inclined Plane Lever

What do we call a force that resists motion between objects that are touching?



Friction



What do we call the measure of an object's change in position during a unit of time?



Speed



What do we call the location of an object?



Position



What do we call the measure of the speed and direction of motion of an object?



Velocity



What do we call a pull or push of any kind?



Force



What do we call the force of attraction between Earth and other objects?



Gravity



What do we call a change of position of an object?



Motion



What do we call any change in the speed or direction of an object's motion?



Acceleration



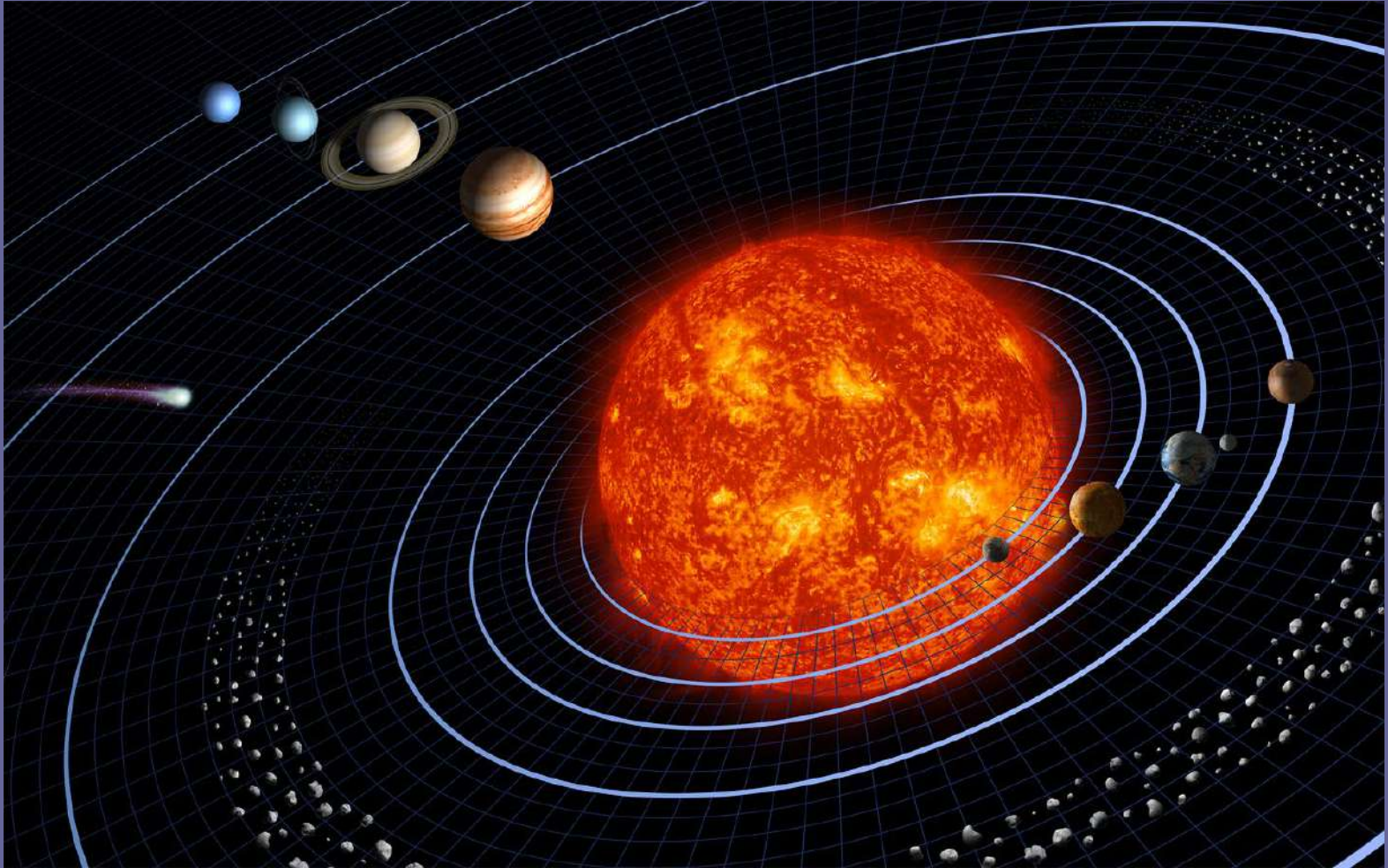
What do we call the property of matter that keeps an object at rest or keeps it moving in a straight line?



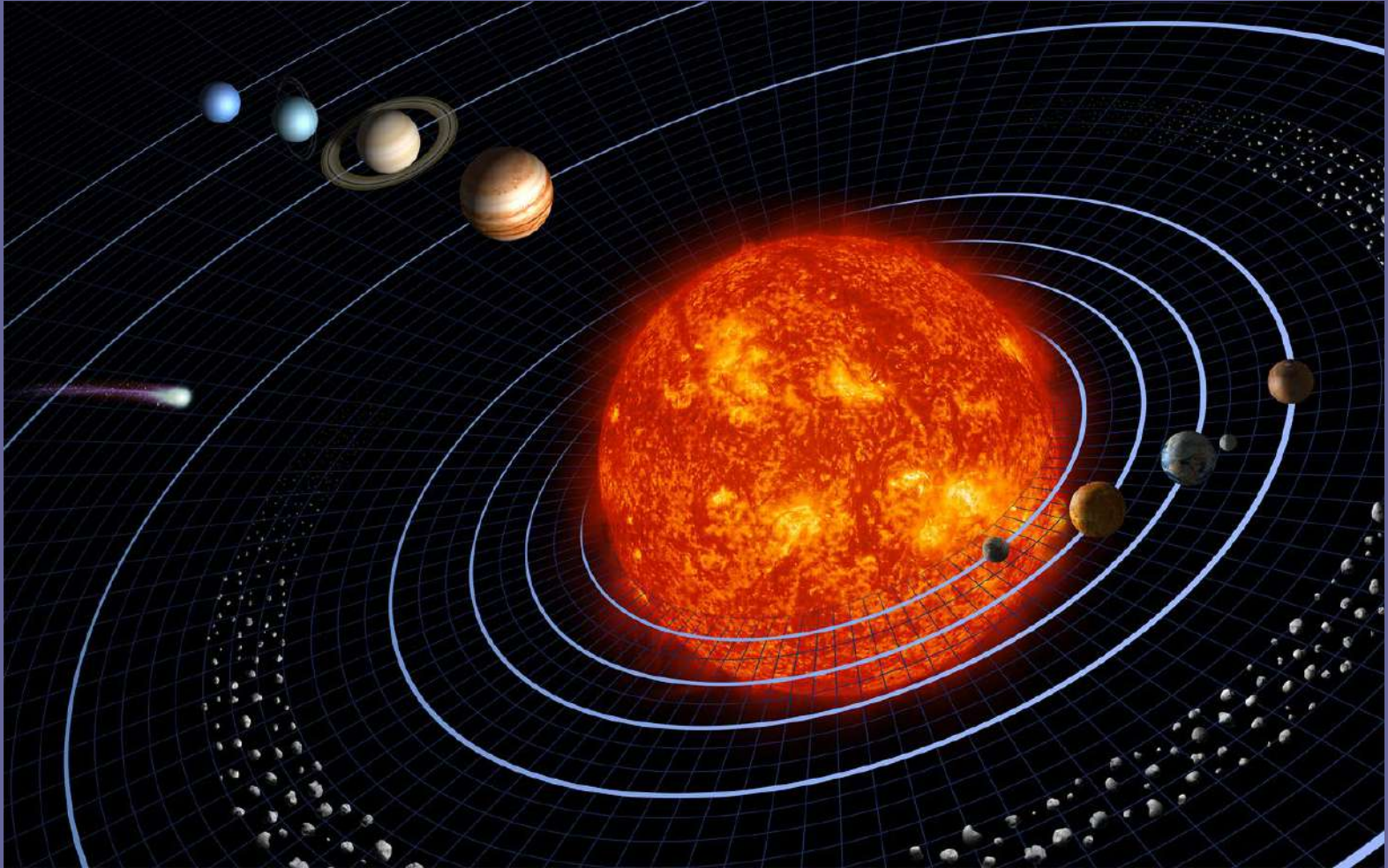
Inertia



What do we call a force that acts between any two objects and pulls them together?



Gravitation



What do we call a measure of the gravitational force acting on an object?



Weight



What do we call the use of force to move an object over a distance?



Work



What do we call a machine with few or no moving parts that you apply just one force to?



Simple Machine



What do we call a simple machine that is a slanted surface?



Inclined plane



What do we call a simple machine made of two inclined planes placed back-to-back?



Wedge



What do we call a simple machine made of a wheel and an axle that turn together?



Wheel & Axle



What do we call a simple machine made of a wheel with a line around it?



Pulley



What do we call a simple machine made of a post with an inclined plane wrapped around it?



Screw



What do we call a simple machine made of a bar that pivots on a fixed point?



Lever



What do we call the fixed point on a lever?



Fulcrum

