NAME _____ CLASS _____ DATE _____

Graphic Organizer

Process or Cycle Chart

Speed is the distance an object moves in a certain amount of time. All moving objects have speed. Any change in the speed or direction of a moving object is called acceleration. Force is a push or pull. Friction is a force of two objects rubbing against each other and causing the object to stop moving. Inertia means that an object will stay at rest until something makes it move.

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Gravity is the force pulling objects towards the Earth. Weight is the measure of force required to keep you from floating. Work is done when you use a force to move an object a certain distance.

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Energy is the ability to do work. There are two kinds of energy. Kinetic energy is moving energy. Potential energy is energy waiting to do work.

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Six kinds of energy are:
chemical, electrical, light, mechanical, thermal, and nuclear

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Energy can change to different forms. It can be passed from one object to another.

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