**Science Unit: Putting it in Motion**

**Simple Machines-** a device that makes our work easier.

**Complex Machines-** machines made by putting two or more simple machines together.

**Lever-** a beam that rotates around a fixed point.

**Fulcrum-** a lever needs this to work properly.

**Pulley-** a wheel that is turned by a rope or belt and changes the direction of a force.

**Effort-** a force required to move a load.

**Force**- the push or pull that makes an object change its motion, slow down or stop.

**Inertia**- the resistance of a moving object to a change in its speed or direction.

**Gravity**- the force that pulls objects towards the center of the earth.

**Friction**- a force that slows down moving objects.