***Inclined Planes and Pulleys***

*Simple Machine* - Device that makes work easier, often by reducing the amount of effort force needed to move an object.

*Inclined Plane* - A ramp or slope that reduces the force needed to move objects up and down heights; a simple machine.

*Pulley* - A device consisting of a wheel over which a rope or chain is pulled in order to lift heavy objects; a simple machine.

*Load* - The object to be moved using a machine.

*Force* - A push or pull that can change the motion of an object, measured with a spring scale in Newton (N) units.

*Movable Pulley* - A pulley attached to the object to be moved; ***reduces the force*** needed to move the object; a simple machine.

*Fixed Pulley* - Attached to a structure and does not move; ***changes the*** ***direction*** of the effort force used to lift a load; a simple machine.

*Pulley System* - A combination of fixed and movable pulleys.

*Spring Scale* - A tool that measures a pulling force by the tension on a spring; the force is measured in Newtons.

*Newton* - Unit of measurement for forces, measured using a spring scale.