






Simple Machines Handout

Name _____ Date _____

Simple Machine	Used for	Found	Example
<p>Lever A lever is a board or bar that rests on a turning point, called a fulcrum. The closer the object is to the fulcrum, the easier it is to move.</p>	pushing, pulling, or lifting things	Bottle opener Crow bar	
<p>Wheel and Axle The axle is a rod that goes through the wheel. The axle allows the wheel to turn.</p>	moving or turning things more easily	Water Meter Wagon Door Knobs Steer	
<p>Pulley Pulleys are made up of a wheel and a rope that fits on the groove of the wheel. One part of the rope is attached to the load. When you pull on one side of the rope, the wheel turns and the load moves.</p>	lifting heavy objects by changing the direction or amount of force	Flag Pole Elevator Blinds Crane	
<p>Inclined Plane An inclined plane is a flat surface that is higher on one end than the other.</p>	moving heavy objects up or down	Ramp Sloped Road Stair	
<p>Wedge A wedge is a simple machine used to push two objects apart. A wedge is made up of two inclined planes. These planes meet and form a sharp edge.</p>	cutting or splitting other objects	knives Axes Axe Wedge	
<p>Screw A screw is actually an inclined plane that winds around itself.</p>	turning and raising things or holding objects together	Ice Cube Light Bulb Clamps Screws Spiral Notebook	