
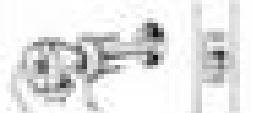
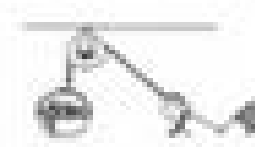




**Simple Machines Handbook**

Name \_\_\_\_\_ Date \_\_\_\_\_

Simple Machine	Used for	Found	Example
<p><b>lever</b> A lever is a rigid bar that rests on a fulcrum point, called a fulcrum. The closer the object is to the fulcrum, the easier it is to move.</p>	<p>pushing, pulling, or lifting things</p>	<p>Wells system Crow bar</p>	
<p><b>wheel and axle</b> The axle is a rod that goes through the wheel. The axle allows the wheel to turn.</p>	<p>moving or turning things more easily</p>	<p>Water wheel Sprocket Door handle Wheel</p>	
<p><b>pulley</b> 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>	<p>lifting heavy objects by changing the direction or amount of force</p>	<p>Flag poles Elevator Wheel Crane</p>	
<p><b>inclined plane</b> An inclined plane is a flat surface that is higher on one end than the other.</p>	<p>moving heavy objects up or down</p>	<p>Ramp Ramp truck Ride</p>	
<p><b>wedge</b> 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>	<p>cutting or splitting other objects</p>	<p>Axe Nail Knife Wedge</p>	
<p><b>screw</b> A screw is actually an inclined plane that winds around itself.</p>	<p>securing, and joining things or holding objects together</p>	<p>Ice cube Corkscrew Screw Screwdriver Screw threads</p>	