



Wheel and Axle



A wheel turns around a center _____ that is called an _____. A wheel and axle is actually a _____ that turns. Wheels make our work easier because they _____.


Example: _____

Simple Machines Mini-book!



Name _____
Date _____


What is a Simple Machine?



A simple machine is a tool that _____.

In science the word "work" is the movement of an object by _____. Machines use force to do work. A _____ is a _____ or _____.

Lever




A lever is a simple machine that has a _____.

You put a load on one end and use force on another end. The force _____.

Example: _____


Inclined Plane



A inclined plan is simply a _____. It has a slanted surface and helps you move things from _____ to _____ places. Moving something up a ramp takes _____ force.

Example: _____

Wedge




A wedge is made _____.

wedge has a _____ end and a _____.

It is used to _____ or _____.

Example: _____

Screw




A screw is made up of an _____.

Screws are used to _____ things together. When you turn a screw the inclined plane moves the column _____ or _____.

Example: _____

Pulley



A pulley changes the _____.

They consist of _____ and a _____. When you pull down on the rope it lifts the load.

Example: _____

Simple Machines Mini-Book!

This book covers the six main types of simple machines. Pair this with a video, science book, or just classroom discussion to help students fill in the blanks. (Answer key included.)