

## 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



An inclined plane 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 \_\_\_\_\_.

A 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.)