

# Simple Machines Lap Book

Instructions for printing and assembly:

Print all pages of this simple machines lap book. (2-9) Follow cutting instruction on each page and glue into a tri-folded file folder. For more instructions on assembly, view the accompanying blog post at <http://www.theresalotofbeautyinordinarythings.wordpress.com>.

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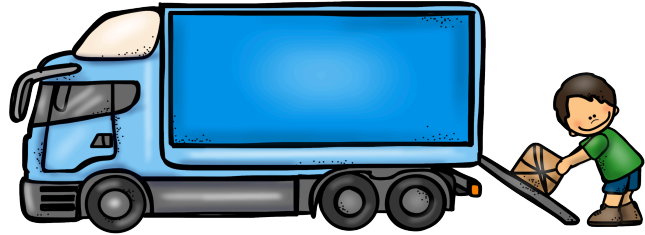
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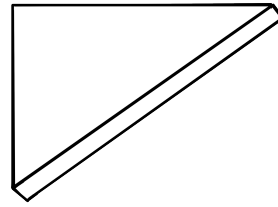
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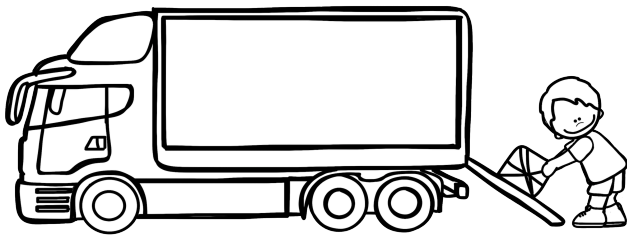
# SIMPLE MACHINES



An inclined plane is a flat surface that is slanted to connect a lower level to a higher level. Ramps are a type of inclined plane.

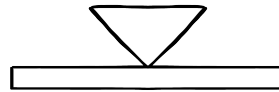


Inclined  
plane

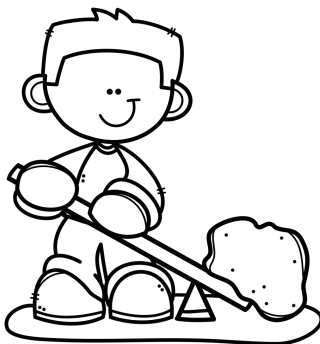


Cut along only the outside lines. Fold book then affix this section to the lapbook, then if desired, glue inside of book.

A lever is a beam that rests on a fulcrum and pivots to move something up and down. A see-saw is type of lever.

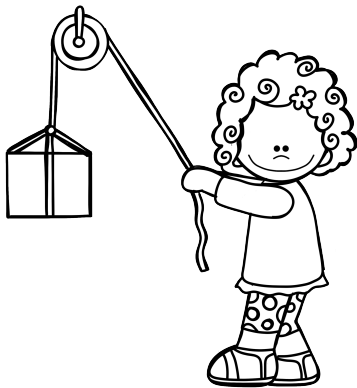


Lever



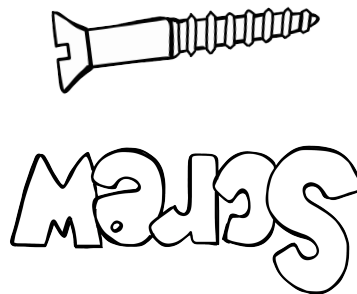
Cut along only the outside lines. Fold book then affix this section to the lapbook, then if desired, glue inside of book.

A pulley is a rope or chain over a wheel. When you pull on the rope, the load will move up or down. Clotheslines, elevators and wells all use pulleys.



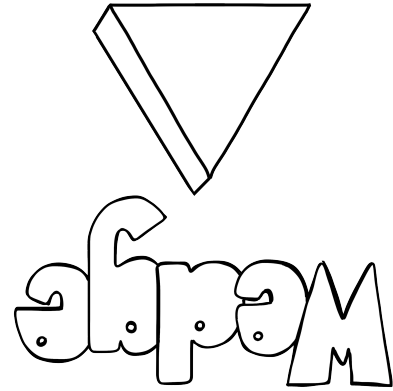
**Cut along only the outside lines. Fold book then affix this section to the lapbook, then if desired, glue inside of book.**

A screw is an inclined plane wrapped around a rod. It can hold things together or lift them. Swivel chairs, screws and jar lids are all types of screws.



**Cut along only the outside lines. Fold book then affix this section to the lapbook, then if desired, glue inside of book.**

A wedge is a triangular tool that can be used to split two objects, lift up an object or hold an object in place. Nails, knives and axes are all types of wedges.

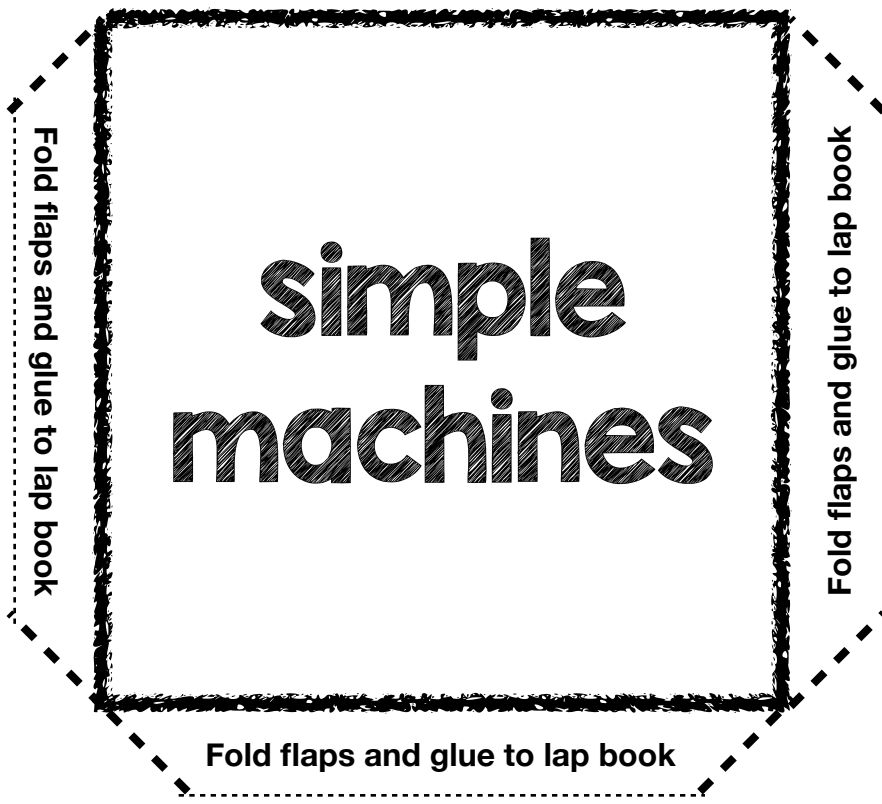


**Cut along only the outside lines. Fold book then affix this section to the lapbook, then if desired, glue inside of book.**

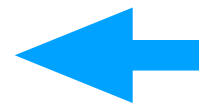
A wheel and axle is a wheel attached to a rod called an axle to move loads or move objects. A door knob is an example of a wheel and axle.



**Cut along only the outside lines. Fold book then affix this section to the lapbook, then if desired, glue inside of book.**



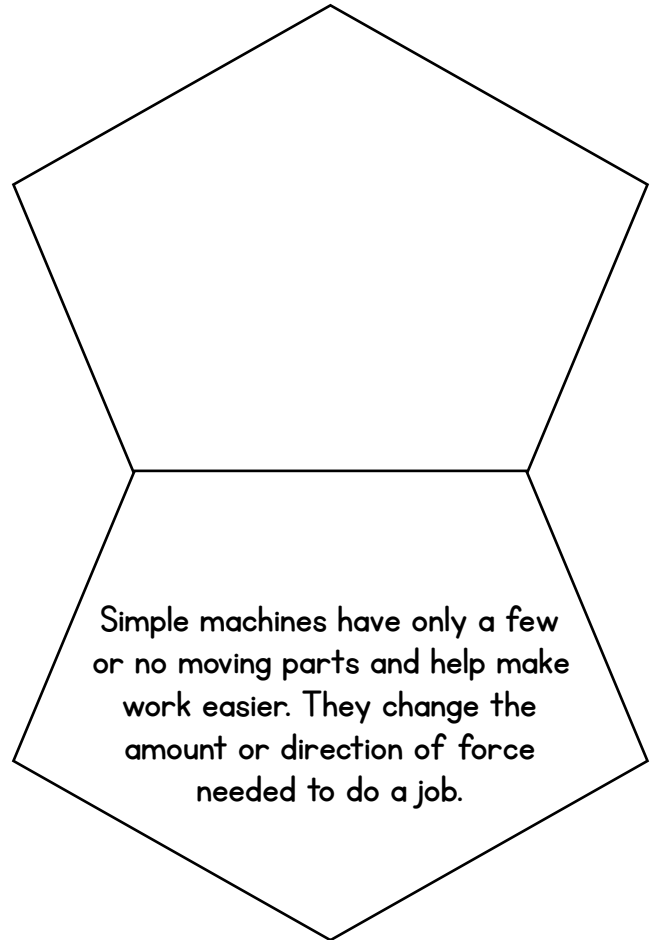
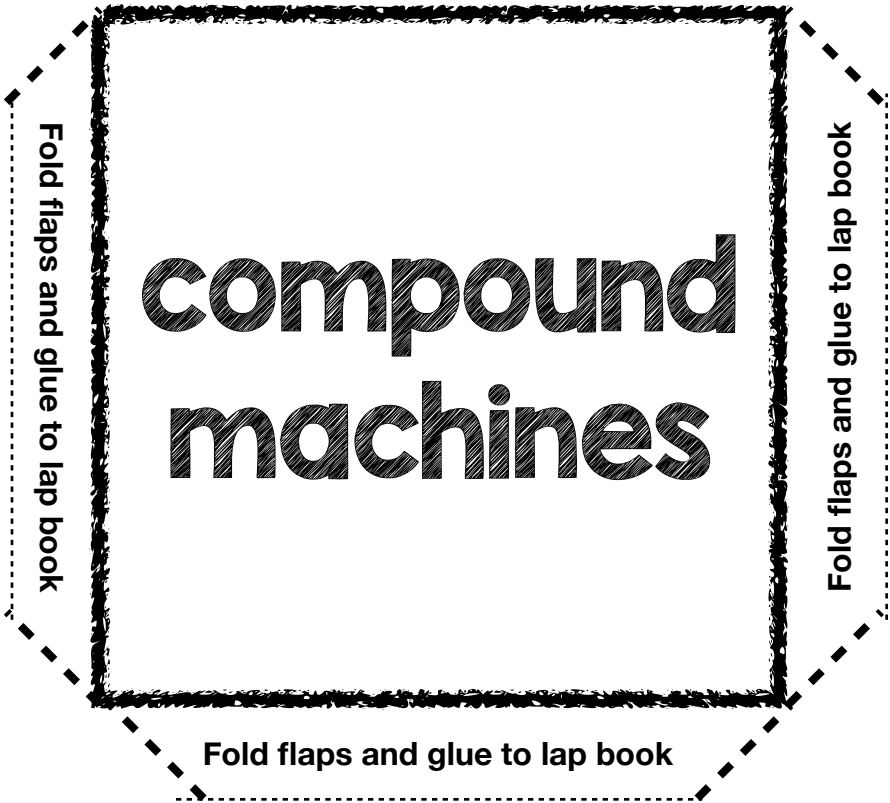
**Cut along only outside dotted lines. Glue only the flaps to create a pocket.**



**What are simple machines?**



**Cut outside lines, and glue only the bottom pentagon to the lap book to create a flap.**





Cut these two squares out together as one piece and glue only the right square to the lap book to create a flap.

	<p><b>There are 6 types of simple machines.</b></p> <table><tr><td>inclined plane</td><td>lever</td></tr><tr><td>pulley</td><td>screw</td></tr><tr><td>wedge</td><td>wheel and axle</td></tr></table>	inclined plane	lever	pulley	screw	wedge	wheel and axle
inclined plane	lever						
pulley	screw						
wedge	wheel and axle						

**A compound machine is made of more than one simple machine.**

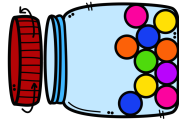
**Force is a push or pull of an object. Force can cause an object to speed up, slow down, stay still, or change shape.**

**Types of simple machines**

**Types of simple machines**

**Types of simple machines**

jar lid



flag pole



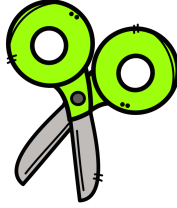
wheel barrow



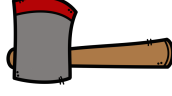
see-saw



scissors



ax



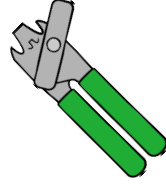
bicycle



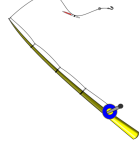
toy wagon



can opener



fishing pole





How do you use



simple machines?

Handwriting practice lines consisting of multiple sets of three horizontal lines (top, middle dashed, bottom) for writing.