Compound machines consist of two or more simple machines that work together. For example, the eggbeater is a compound machine. It has a lever (handle), wheels and axles, and wedges (beaters).

You use many compound machines every day. Look around your classroom and outside to list more compound machines.

- __________________________________________________
- __________________________________________________
- __________________________________________________
- __________________________________________________
- __________________________________________________
- __________________________________________________
In groups, consider the following compound machines: can opener, pencil sharpener, bicycle, wheelbarrow, scissors, and scotch tape dispenser. Examine each item carefully to identify the simple machines and then check the boxes under each diagram. Use the diagrams to label the simple machines.

**can opener**
- lever(s)
- inclined plane(s)
- wedge(s)
- screw(s)
- wheel and axle(s)
- pulley(s)

**pencil sharpener**
- lever(s)
- inclined plane(s)
- wedge(s)
- screw(s)
- wheel and axle(s)
- pulley(s)

**bicycle**
- lever(s)
- inclined plane(s)
- wedge(s)
- screw(s)
- wheel and axle(s)
- pulley(s)

**wheelbarrow**
- lever(s)
- inclined plane(s)
- wedge(s)
- screw(s)
- wheel and axle(s)
- pulley(s)
COMPOUND MACHINES SCAVENGER HUNT

Name: ________________________ Date: __________________

Go on a scavenger hunt in your home to find as many compound machines as possible. Have fun!

Compound machines that are made with two simple machines:

_________________________________

_________________________________

Compound machines that are made with three simple machines:

_________________________________

_________________________________

_________________________________

Compound machines that are made with four simple machines:

_________________________________

_________________________________

_________________________________

Compound machines that are made with five simple machines:

_________________________________

_________________________________

_________________________________

Compound machines that are made with all six simple machines:

_________________________________

_________________________________
Answers to COMPOUND MACHINES

Page 1:
Answers will vary

Pages 2 & 3: Compound Machines

can opener
√ lever(s)
   inclined plane(s)
√ wedge(s)
√ screw(s)
√ wheel and axle(s)
   pulley(s)

pencil sharpener
√ lever(s)
   inclined plane(s)
   wedge(s)
√ screw(s)
√ wheel and axle(s)
   pulley(s)

bicycle
√ lever(s)
√ inclined plane(s)
   wedge(s)
√ screw(s)
√ wheel and axle(s)
   pulley(s)

wheelbarrow
√ lever(s)
√ inclined plane(s)
   wedge(s)
√ screw(s)
√ wheel and axle(s)
   pulley(s)

Page 4:
Answers will vary.