

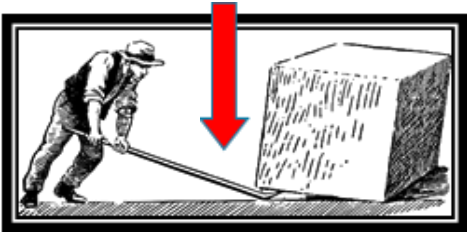
SIMPLE MACHINES – WHAT I KNOW

NAME: _____ DATE: _____



THINK BACK TO PREVIOUS SCIENCE COURSES. WHAT DO YOU KNOW ABOUT SIMPLE AND COMPLEX MACHINES?

Name the simple machines shown in each image. Can you explain how the simple machines helps in accomplishing a task?



Simple Machine #1:
How it works :



Simple Machine #2:
How it Works:



Simple Machine #3:
How it Works:



Simple Machine #4:
How it Works:



Simple Machine #5:
How it Works:



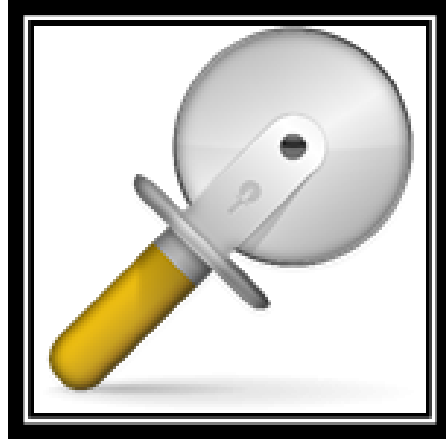
Simple Machine #6:
How it Works:

SIMPLE MACHINES – MAKE UP COMPLEX MACHINES

NAME: _____ DATE: _____

Working in groups of 2-3 determine how many simple machines are part of these **complex machines**. Can you explain how they work together to accomplish the desired task?

What simple machines are used in this **pizza cutter**?



What simple machines are used in this **can opener**?

What simple machines are used in this **bike**?




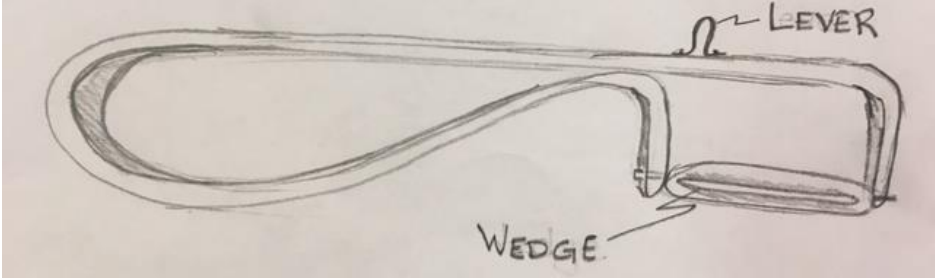
What simple machines are used in this **wheelbarrow**?



SIMPLE MACHINES – SCAVENGER HUNT

NAME: _____ DATE: _____

Look around the house / classroom or workshop (under supervision) to find 4-5 tools or machine that uses at least one of the 6 simple machines to help accomplish a task. Take a picture and sketch and label the simple machines, see example below

Simple Machine	Photo of tool	Labelled sketch of the simple machine
Example: Carrot peeler Wedge & Lever		
#1		
#2		

SIMPLE MACHINES – SCAVENGER HUNT

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Look around the house / classroom or workshop (under supervision) to find 4-5 tools or machine that uses at least one of the 6 simple machines to help accomplish a task. Take a picture and sketch and label the simple machines.

Simple Machine	Photo of tool	Labelled sketch of the simple machine
#3		
#4		
#5		