

# 6th grade 3rd quarter project : Simple Machines You Use The Most

Due date \_\_\_\_\_ parent /guardian signature \_\_\_\_\_

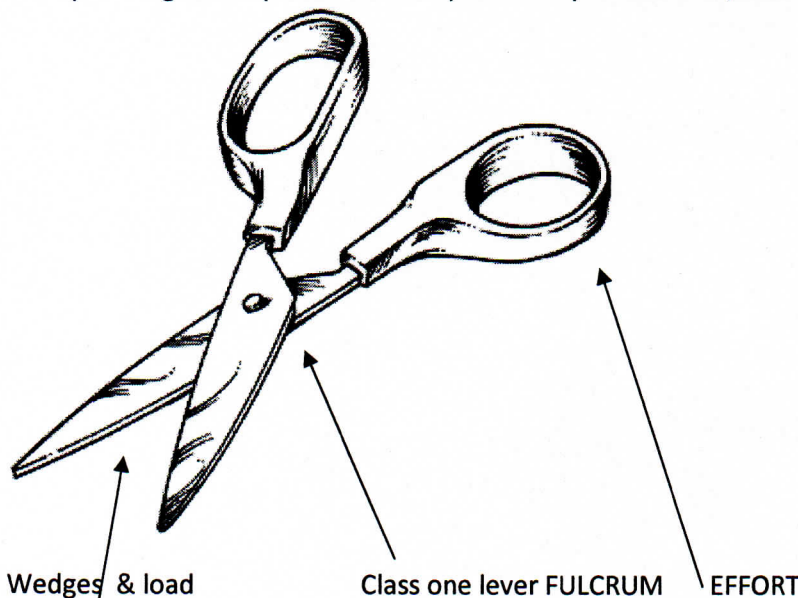
- Have your students create an experiment in which they chart the simple machines they use in their lives and which ones they use the most.
- Each student creates his own **chart** listing all the simple machines, and over the course of a week he can place a tally mark by each machine he or she uses. They will list 5 to 10 simple or complex machines.
- This can also include a separate section for complex machines in which he or she breaks the machines down into their component simple machines. For each machine include a **labeled picture or diagram** showing the simple machines within the compound machines. *Picture + Diagram for each machine*
- After a 5 days of data, the student can then create a **bar graph** showing which machines he uses the most on a week-to-week basis. *where is Effort + Fulcrum + Load*

Read more: Simple Machines Project Ideas | eHow.com [http://www.ehow.com/list\\_6136884\\_simple-machines-project-ideas.html#ixzz2MsNYAqel](http://www.ehow.com/list_6136884_simple-machines-project-ideas.html#ixzz2MsNYAqel)

Example: Chart with tally marks *make something*

Machine in your house	Type of simple machine	Tally marks
Bottle opener	Class 2 lever	//
scissor	Double class one lever	////
bicycle	compound	///

Example: Diagram or pictures of complex & simple machines, labeled



*Down Load Pictures  
Draw Diagrams  
Show Fulcrum  
Effort  
Load*

*Name of tool and  
What kind of class  
it is?*

Bar graph. <http://nces.ed.gov/nceskids/createagraph/>

*knife = wedge*