

Topic 1.0 Simple Machines

1. Describe the different types of simple machines and give examples of each type

Machine	Description	Illustration	Examples
lever			
inclined plane			
wedge			
screw			
pulley			
wheel and axle			

2. Describe two situations in which ramps are used to help people move heavy objects to higher levels.

3. What kind of simple machine is the human Jaw?

4. Where in the mouth would you find a wedge?

5. Two simple machines are involved when you use scissors to cut a piece of paper. Sketch and label a pair of scissors to show the two simple machines involved.

Levers

Type	Description	Examples	Labeled Diagram
First Class Lever			
Second Class Lever			
Third Class Lever			

6) Write the numbers 1-9 down the left-hand side of your paper. Next to each number, name the corresponding item identified in the pictures below. Next to the name of the object, identify the class of lever by writing, 1st Class, 2nd Class, or 3rd Class lever.

1.



4.



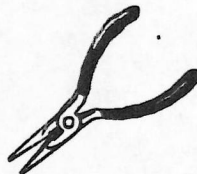
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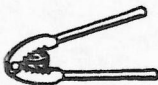
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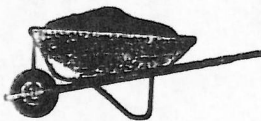
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3.



6.



9.