

Name: \_\_\_\_\_

Science 7

Date: 12-4-18  
Work and Machines **NOTES**

Aim: I can describe the six types of simple machines.

Do Now:

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Notes:

### Types of Simple Machines

1. Wedge
2. Wheel and Axle
3. Screw
4. Inclined Plane
5. Pulley
6. Lever

## Simple Machines



Lever



Inclined Plane



Wedge



Pulley



Wheel and Axle



Screw

### Inclined Plane

- Makes it easier to move objects upward, but you have to go further horizontally.
- Flat, sloped surface
- Allows you to exert your input work over a longer distance

Example:

Slide, handicap ramp, ski slope

### Wedge

- Pushes materials apart, cuts things
- An inclined plane that moves

Example:

zipper, scissors, door stop, bow of a boat,

### Screw

- Pushes materials apart, cuts things
- An inclined plane that moves
- An inclined plane wrapped around a cylindrical post.

Example:

screws, spiral staircase, jar lid