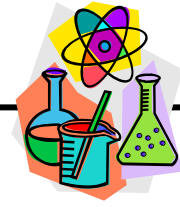


Science 10-4 Unit B: Understanding Energy Transfer Technologies



Simple Machines and Devices

1. Write a description of simple machines in your own words. Include a description of how they transfer energy and a diagram. Also describe how machines can be “force multipliers” or “distance multipliers” and give examples of each.

Simple Machines

2. Choose three common household machines and describe them in terms of how they are force multipliers. Explain how they make work easier. Machines could include:

- scissors
- pliers
- wrench
- rolling pin
- knife.

Include a diagram of each machine that shows how it multiplies force.

