

Guiding Questions - Bill Nye Simple Machines Video

Warm-Up:

1. What are Newton's three laws of motion?
2. What is force?
3. What is friction?
4. What are inertia and momentum?

Video Guiding Questions:

1. What are simple machines? What is their purpose?
2. What is a pulley? What is its purpose?
3. What is a lever? What is the fulcrum of a lever? What are examples of levers?
4. What is an inclined plane? How does it work? What are examples? How are a screw and inclined plane related?
5. What is a wheel and axle? What is its purpose? How are wheel and axles related to levers?
6. List the different kinds of simple machines.