

Science Chapter 16 Study Guide

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Test Date:

- Two inclined planes placed back to back is a wedge.
- A machine that needs only one force to make it work is a simple machine.
- A wheel with a rope around it is a pulley.
- A bar that turns on a fixed point is a lever.
- The fixed point on a lever is a fulcrum
- A simple machine that makes moving and lifting things easier is an inclined plane.
- A simple machine that is like a nail with threads wrapped around it is a screw.
- Using force to move an object is work.
- A seesaw, broom, crowbar, stapler, and rake are levers.
- A screw is made of a post and an inclined plane.
- A screwdriver is a wheel-and-axle.
- When a shovel is being used to lift a rock it is a lever.
- A knife is a wedge.
- When you lift weights your arm is a lever and your elbow is a fulcrum.
- Sometimes a wedge is used to prop open a door.
- A screw that has threads closer together will be easier to turn than one with threads farther apart.
- It requires more work to move an object up a steep ramp.