

Simple Machines

Vocabulary:

Compound Machine: a combination of two or more simple machines

Force: a push or a pull

Fulcrum: a fixed point that a lever moves on

Simple machines: tools that make work easier

Work: a combination of a force and motion

Simple Machine	Description	Examples
Lever	A stiff bar that moves about a fixed point called a fulcrum	Seesaw, crowbar, a baseball bat
Inclined Plane	A surface that is raised so one end is higher than the other	Ramp, stairs
Wedge	Wide at one end and pointed at the other, used to cut and split	Axe, knife, a ship's bow
Wheel and Axle	Consists of a rod attached to a wheel	Rollerblades, doorknob
Screw	An inclined plane wrapped around a cylinder or a cone	Jarl lid, screw, the end of a water hose
Pulley	A wheel that has a rope wrapped around it, can be used to lift or lower heavy objects	Flagpole, crane, well

Compound Machine	Simple Machines Used
Scissor	Lever and wedge
Shovel	Wedge and lever
Can opener	Wheel and axle, wedge, and lever