

<p>simple machine</p>	<p>n. instrument or apparatus with few or no moving parts, which uses power to perform work.</p> <p>"Pulleys and levers are simple machines."</p>
<p>compound machine</p>	<p>n. instrument made with simple machines which uses power to perform work.</p> <p>"Bicycles and clocks are compound machines."</p>
<p>wedge</p>	<p>n. piece of a hard material with V-shaped edge, one end being thin and the other wide, used for making space or filling a space.</p> <p>" Put a wedge in the door so it will stay open."</p>

<p>screw</p>	<p>v. turn or tighten. Rotate (something) so as to attach or remove it by means of a spiral thread.</p> <p>"Screw the two pipes together end to end."</p>
<p>inclined plane</p>	<p>n. sloping surface, such as a ramp. It is used to move objects. The object must be moved a longer distance than if it was lifted straight up, but less force is needed.</p> <p>"A ramp is an example of inclined plane."</p>
<p>lever</p>	<p>n. bar or other strong tool used for lifting or moving something heavy. One end is placed under the object, and the other end is pushed down strongly.</p> <p>"Levers are simple machines."</p>

<p>roller</p>	<p>n. machine used for moving heavy things that have no wheels.</p> <p>"They pushed the boat down to the water on rollers."</p>
<p>ramp</p>	<p>n. artificial slope that connects two levels.</p> <p>"Can you ride the bicycle up the ramp?"</p>
<p>pulley</p>	<p>n apparatus consisting of a wheel over which a rope can be moved, used for lifting heavy things.</p> <p>" We will use a pulley to lift this piano."</p>

<p>push</p>	<p>v. to use force in order to move something forward, away from oneself, or to a different position.</p> <p>"He pushed me and I fell into the water."</p>
<p>pull</p>	<p>v. to use force in order to move something towards oneself or in the direction of the force.</p> <p>"Help me move the piano, you push and I will pull."</p>
<p>friction</p>	<p>n. a force that tries to stop one surface sliding over another.</p> <p>"He pushed the box down the slope, but friction caused it to slow down and stop."</p>

<p>gravity</p>	<p>n. natural force by which objects are attracted to each other, especially that by which a large mass pulls a smaller one to it.</p> <p>"Anything that is dropped falls towards the ground because of the force of gravity."</p>
<p>force</p>	<p>n. power that may produce changes or movement in a body or object on which it acts.</p> <p>" The force of gravity makes things fall to earth."</p>
<p>gear</p>	<p>n. apparatus consisting of a set of toothed wheels, that allows power to be passed from one part of a machine to another.</p> <p>" Most cars have five forward gears."</p>

<p>axle</p>	<p>n. bar with a wheel on either end, around which the wheels turn, as on a car.</p> <p>"Bicycles and cars use axles."</p>
<p>engine</p>	<p>n. machine with moving parts which changes power from electricity, oil... into movement.</p> <p>" The engine of a car is a compound machine."</p>
<p>tool</p>	<p>n. simple instrument that is held in the hands, and used for doing special jobs, such as a hammer, spade, screwdriver...</p> <p>"Carpenters use a lot of tools."</p>

wheel

n. circular object with an outer frame which turns round and inner part to which is joined, and used for making things move.

"Most cars have three wheels."