

## Forces in Nature-Glossary

**force** (*noun*): a strength or energy, a push or a pull

Synonym: effort

**exert** (*verb*): to put forth strength

Synonym: apply

**gravity** (*noun*): a force of attraction between any two objects because of their mass and distance

**attraction** (*noun*): a force acting between matter, tending to draw them together

Synonym: gravitational pull

**mass** (*noun*): the quantity of matter in a body <weight is the force on mass due to gravity>

Synonym: sum total

**simple machine** (*noun*): a device that makes work easier by changing the size or direction of the force applied to it.

Synonym: wheel and axle, lever, pulley, screw, wedge, inclined plane

**friction** (*noun*): the force that resists motion between two bodies in contact

Synonym: resistance

**effort** (*noun*): the force applied to a simple machine in contrast to the force applied against it

Synonym: force

**remain** (*verb*): to stay in the same place

Synonym: stay put

**speed** (*noun*): the rate of motion, quickness in movement or action

Synonym: rush, hurry, go fast

**direction** (*noun*): the line along which something moves, lies, or points

Synonym: change in position