












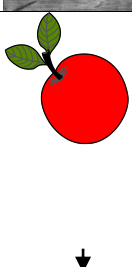


Name

Glossary for Friction

air resistance	 A yellow diamond shape with two red arrows pointing upwards from its base. The text "air resistance" is written below the arrows.	Is the force of the air pushing against anything that is moving through it, making it slow down.
force	 A person in a blue uniform pushing a yellow cart on wheels.	A push or a pull. We can only see the effect of a force.
forcemeter	 A vertical spring balance with a hook at the bottom and a scale on the side.	A spring balance used to measure force.
friction	 Two hands rubbing together, illustrating friction.	The force between things that are touching. It causes moving objects to slow down or stop. It gives us grip and creates heat.
gravity	 A globe of the Earth with a red arrow pointing towards the center, labeled "force of gravity".	The force that pulls everything towards the centre of the Earth.
mass	 A stick figure holding a barbell with weights, representing mass.	Is the amount of material in an object. Mass is measured in grams or kilograms and does not change.
newtons	 A vertical spring balance with a hook at the bottom and a scale on the side.	Is the unit that we measure force in.
parachute	 A colorful parachute with a person hanging from it.	A piece of fabric used to slow down the speed at which an object falls through air.
rough	 A piece of rough, purple rock.	An uneven surface.
smooth	 A smooth, green egg on a small stand.	An even surface.
streamlined	 A white speedboat moving through blue water.	A long thin shape that moves easily through air or water.
surface area	 A white sheet of paper.	The size of an object's surface.
water resistance	 A group of swimmers in a pool, illustrating water resistance.	Is the force of the water pushing against anything that is moving through water, making it slow down.
weight	 A red apple with a green stem and leaf, and a black arrow pointing downwards from its bottom.	Is the pull of gravity on an object. It is measured in newtons and changes depending on where the object is. An object in space will have the same mass as it has on Earth but have a different or no weight because the force of gravity changes.