

It's a  
fact

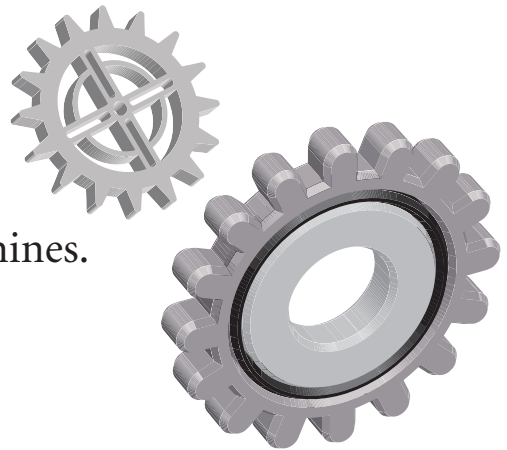


### > Wheels

Wheels are simple machines. They were invented about 5,500 years ago. Before then, people pulled heavy things on rollers.

### > Cars

Simple machines can be attached to other machines to make new machines. A car is made of hundreds of simple machines working together.



### > Levers

**Levers** are simple machines that lift. A seesaw is a lever. Your arms and legs are levers too!



### > **Wedges**

**Wedges** are simple machines that split things or spread things apart. An axe is a wedge and so is a knife.

### > **Parachutes**

Parachutes help people to land safely because the air pushes up against the parachute as the parachute falls, which slows it down. This is another example of air resistance.



### > **Earth's force**

The Moon moves around the Earth at 1 kilometre per second. Earth's gravity stops the Moon from flying into space.

### > **Bicycle brakes**

Bicycle brakes help you to stop safely because the lever makes the brake pads press the wheel. When the brake pad and the wheel rub against each other, they make friction, which slows down the wheel.