

Taxi!

Wheels

Wheels allow things to move more smoothly and easily. Lots of different objects have wheels.



roller skates



suitcase



wheelbarrow



shopping trolley

Most vehicles have axles and wheels fixed to a chassis.

A **wheel** is a circular object that is joined to an axle.

A **chassis** is the frame of a vehicle.

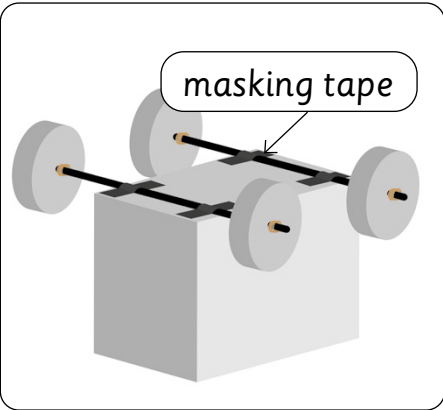
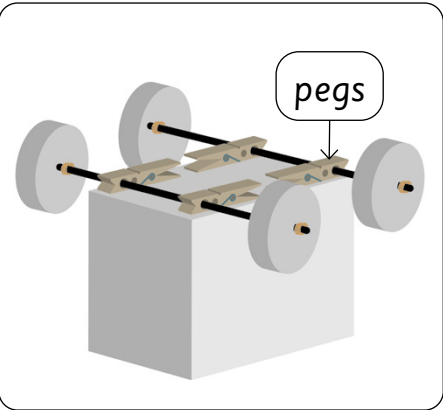
An **axle** is a rod that goes through the centre of a wheel and allows it to turn.

Ways of fixing axles on a chassis

There are different ways to attach the axles and wheels to the chassis of a model.

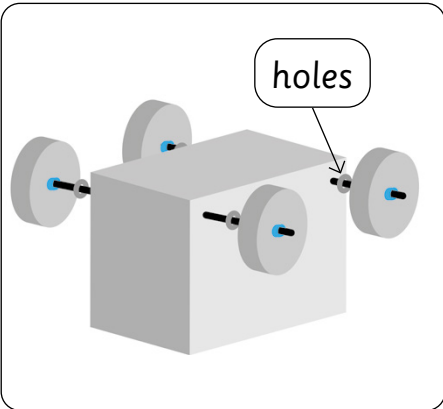
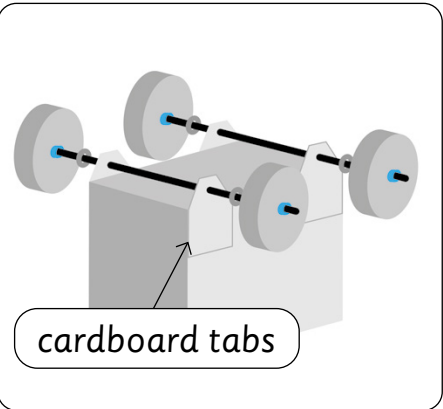
Fixed axles

Fixed axles cannot move but the wheels turn freely. Axles on models can be fixed in place using clothes pegs or masking tape.



Moving axles

Moving axles turn freely so the wheels are fixed to them. Moving axles can be held in place with cardboard tabs or pushed through holes in the chassis.



Taxis

Taxis are vehicles that carry passengers from one place to another. A taxi has a chassis, wheels and axles. It also has seats inside, a roof, windows and headlights.



Glossary

- passenger**

A person travelling from one place to another in a vehicle that they are not driving.
- vehicle**

A human-made object that transports people or things, especially on land.

