

# 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.

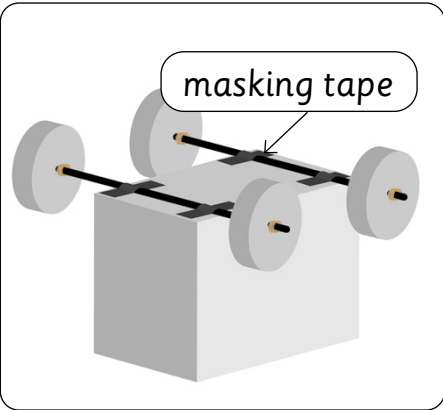
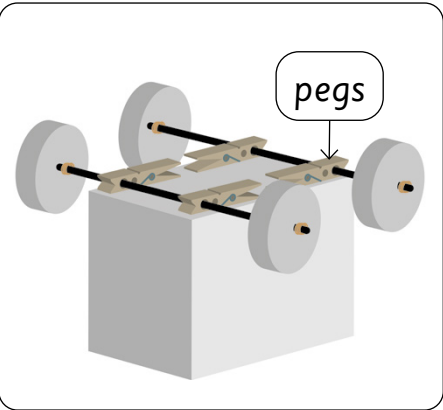
An **axle** is a rod that goes through the centre of a wheel and allows it to turn.

## Ways of fixing axles on a chassis

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

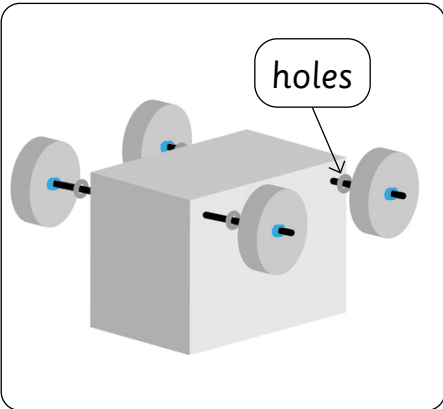
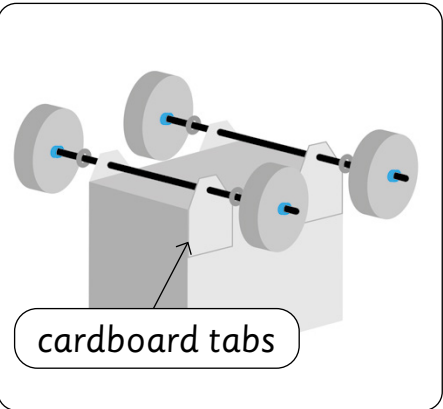
### Fixed axles

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.