

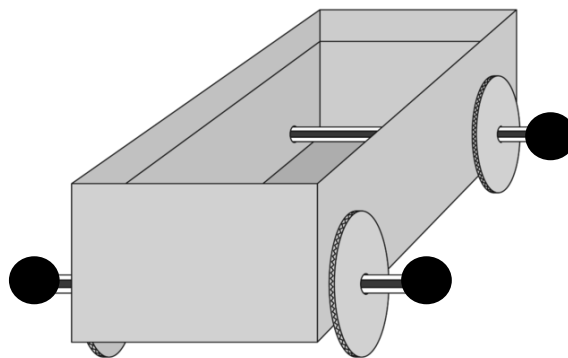
Working wheels

There are two different ways of making working wheels for a model. Whichever method you choose, you'll need some wheels (bottle caps, wooden wheels, or cardboard circles) and some axles (bamboo skewers, straws, or pencils). An axle is the rod that goes through the middle of the wheels.

Wheels that rotate on a fixed axle

This option has an axle that stays still and wheels that spin around.

- Attach the axle to the bottom of the vehicle with sticky tape – make sure it sticks out either side of the vehicle.
- Make sure the hole in the centre of the wheel is bigger than the width of the axle (it should move around really easily on the axle) and push one wheel on each end of each axle.
- Attach a stopper that's bigger than the hole in each wheel to the end of each axle, to stop the wheel falling off. You could use a bead, plasticine, or sticky tack.



Wheels move freely on fixed axles

Stoppers on the end of the axle

Wheels that are fixed on a rotating axle

This option has wheels that are fixed to an axle which spins around.

- Slot the axle into a slightly larger tube. The tube should be big enough for the axle to turn freely. For example, you could use a skewer inside a straw or a pencil inside a sweets tube.
- Stick the tube (with the axle in it) to the bottom of the model.
- Attach a wheel to each end of the axles. Make sure they're secure.

