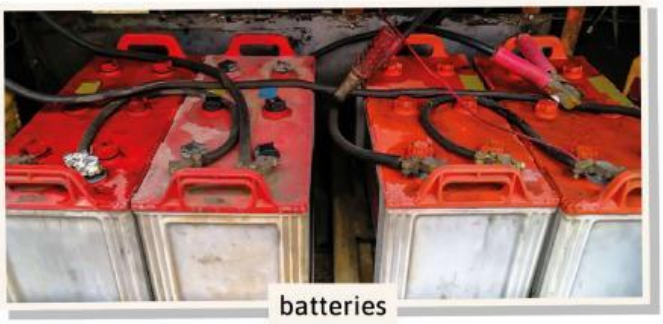
# Ways to travel


batteries

solar panels

**1** **Read the text about different types of transport. Write *t* (true) or *f* (false).**

Electric trains use energy, but they can make energy too. When the train driver stops the train slowly, some parts of it produce electricity. This electricity can give energy to other trains going along the same line.

cell buses

Fuel cell buses carry their power on top of them. The tanks on top of the bus have hydrogen. They take in oxygen from the air and make electricity. The electricity helps make the bus move. The bus is also very quiet, so there is no noise pollution either.

Solar powered buses have solar panels on the roof. The solar panels collect energy from the sun and store it in batteries. The buses use the batteries to move. The buses have extra batteries that store electricity for them to use at night.

1 All trains produce electricity. [f]
2 The electricity from the trains powers other trains. [ ]
3 Fuel cell buses carry oxygen tanks. [ ]
4 Fuel cell buses do not make a lot of noise. [ ]
5 Solar buses use energy from the sun to move. [ ]
6 At night, solar buses use batteries. [ ]



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**2** **Look at these different forms of transport. Tick ✓ the ones that are eco-friendly.**

**3** **Read this text about Jim's invention. Complete the sentence.**

Jim's invention uses energy from the _____ and the _____ for the battery and to help the helicopter fly.

This is my eco-friendly helicopter.
It has solar panels on its propellers.
They collect sunlight from the sun.
The energy goes to the battery.
The battery helps the helicopter move.
At night, the fans collect energy from the wind and help the helicopter fly.
It isn't very fast, but it is quiet.

**4** **Invent an eco-friendly form of transport. Write about it, then draw a picture.**

My form of transport is _____

_____

_____

_____

_____

_____



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