



Knowledge Organiser: YEAR 1 Mechanisms – Wheels and axles

KEY KNOWLEDGE

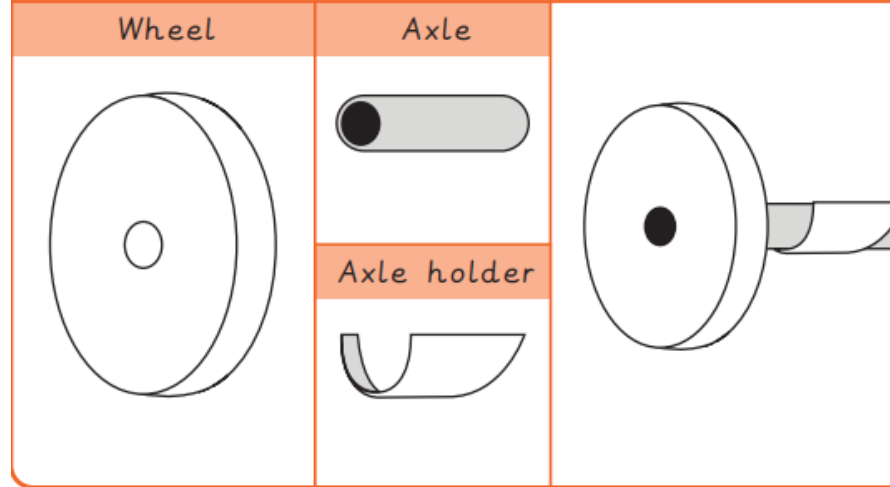
- Many things that move have parts inside to help them work.
- Mechanisms usually limit unwanted movement.
- An axle allows the wheel to turn without falling off

Wheels are on many objects, not just vehicles. Can you think of anywhere you have seen wheels? Here are some clues.



KEY SKILLS

The wheels need to be attached to an axle.
The axle needs to fit inside the axle holder but must not be attached to the axle holder otherwise the wheels will not turn properly.



KEY VOCABULARY

accurate
axle
axle holder
chassis
design
fix
mechanic
mechanism
model
test
wheel

KEY FACTS

How do wheels move?
The wheels need to be round and balance the body of the vehicle.

