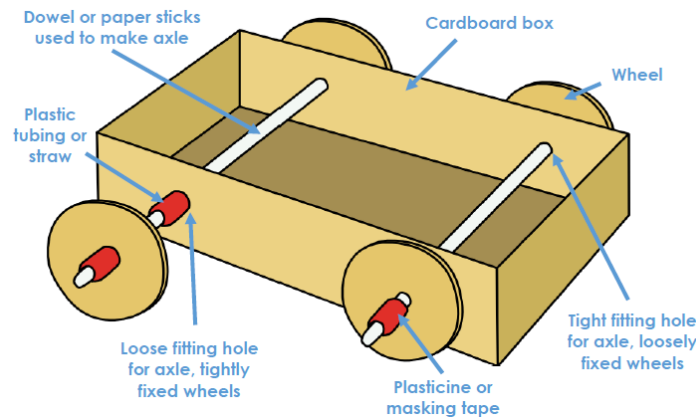


Key Vocabulary

Key Word	Definition
Axle	A rod on which one or more wheels can rotate, either freely or be fixed to and turn with the axle.
Axle holder	The component through which an axle fits and rotates.
Chassis	The frame or base on which a vehicle is built.
Friction	Resistance which is encountered when two things rub together.
Dowel	Wooden rods used for making axles to hold wheels.
Vehicle	A thing used for transporting people or goods.
Assembling	Fit together the separate component parts.
Shaping	Give a particular shape or form to.
Fixed or Free	Fastened securely in position. Not fastened securely in position.
Mechanism	A device used to create movement in a product.
Functional	Designed to be practical and useful, rather than attractive.

Y2 Knowledge Organiser Autumn Term Wheels and Axles



Learning Sequence

1

Look at products and how they work, with drawings and labels.

2

Use a simple plan to create a wheel and axle mechanism.

3

Create ideas with labelled drawings.

4

Create a design criteria to make a product with wheels and axles.

5

Use a design criteria to make a product with wheels and axles.

6

Evaluate my product and suggest changes independently.