

Key Vocabulary

Y2 Knowledge Organiser Autumn Term Wheels and Axles

Learning Sequence

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.

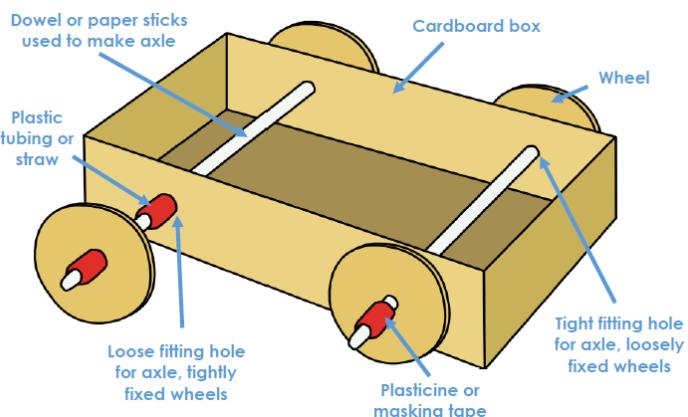
Assembling Fit together the separate component parts.

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.



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.