

Mechanisms

Year 2

D&T

Spring 2

What is this topic?

In this topic we are going to explore moving vehicles and how these vehicles move! We will be looking at the wheels and axles and what holds these together. We will be exploring whether these are the same for every vehicle or whether they are different.



Key knowledge:

- ❖ A vehicle's wheels are attached through an axle.
- ❖ An axle can run through or underneath a vehicle.
- ❖ Different vehicles have different wheels and axles.
- ❖ Evaluating a design involves looking at things we would change if we did it again.

Key Vocabulary

Wheels	A circular object that moves on an axle.
Axle	A rod or spindle passing through the center of a wheel.
Vehicle	A thing used to transport people or goods.
Movement	An act of moving.

What will I learn?

- ❖ What a wheel and an axle is.
- ❖ How these are attached.
- ❖ How to measure wood and how to use a saw.
- ❖ How to attach wheels and axles.
- ❖ How to design, make and evaluate a vehicle following a success criteria.