



# Year 2 Spring Term: Wheels and Axles

Main Theme: National

PSHE Link: Respect



## Know how to...

Create a moving toy fire engine for children to play with.

## Key Vocabulary

vehicle	Something used to carry people or things.
chassis	The main body of a vehicle.
axle	A rod that goes through the centre of a wheel.
wheel	The round circle shaped disc that the axle goes through.
attach	To join, fasten or connect.
fix	To fasten into place.
appearance	How something looks.

## Prior Learning

**EYFS** – physical development and use of a range of equipment.

**Year 1**- Creating a mechanism to make a moving picture of the Moon Landing.

## Key Questions

### What are the features of a fire engine?

**Wheels** to move easily

**Windows and a windscreen** so the driver can see where they're going

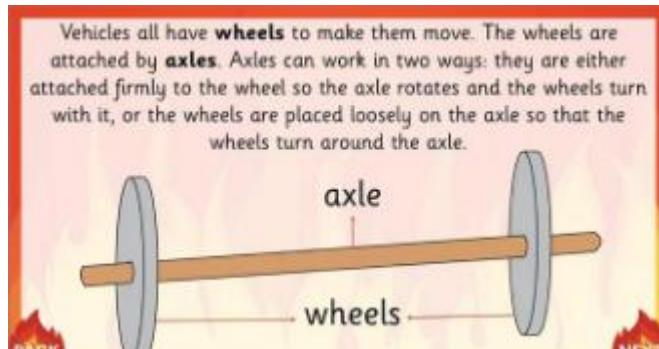
**Doors** to get in and out

**Headlights and rear lights** so they can be seen at night

**Ladders** so the firefighters can reach high places

### How do wheels and axles work?

The wheel and axle is made up of a round disc, known as a wheel, with a rod through the centre of it, known as the axle.



### What key elements will be included in your design?

