

Year 2 Design and Technology Unit 1 Moving Vehicles with wheels and axles

Key Vocabulary

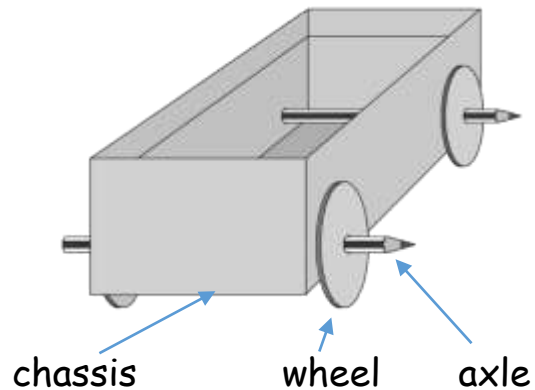
axle - a rod that enables a wheel to turn

cab – where the driver sits to control the vehicle

chassis – the base on which a vehicle is built

dowel – wooden rod used for making the axles

mechanism – part of a machine that has a particular function



The design and make process:

Design:

- design purposeful, functional, appealing products for themselves and other users based on design criteria
- generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups

Make

- select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]
- select from and use a wide range of materials and components

Evaluate

- explore and evaluate a range of existing products
- evaluate their ideas and products against design criteria

Technical knowledge

- build structures, exploring how they can be made stronger, stiffer and more stable
- explore and use mechanisms in their products



