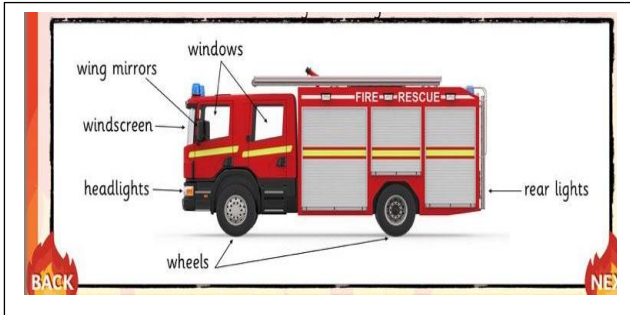


DT: Fire Engines Aut1



National Curriculum Knowledge outcomes:

Design: generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology

Make: select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]

Evaluate: explore and evaluate a range of existing products

evaluate their ideas and products against design criteria

The Learning Journey:

- To explore modern fire engines
- To investigate wheels, chassis and axels
- To be able to investigate ways of creating and decorating the body of a fire engine
- To be able to design a fire engine
- To be able to make a fire engine based on a design
- To be able to evaluate a finished product

Wider Curriculum (Cooking, trips, outdoor):

Visit from Avon and Somerset Fire service.

Spelling	Definition/Sentence
Fire engine	a fire engine is a large vehicle which carries firefighters and equipment for putting out fires.
Vehicle	any means in or by which someone travels or something is carried
wheels	a circular frame or disk arranged to revolve on an axis
chassis	the supporting frame of a structure
axels	a pin or shaft on or with which a wheel or pair of wheels turns.
dowling	a round wooden rod of relatively small diameter
plan	a plan is typically any diagram or list of steps with details of timing and resources, used to achieve an objective to do something.
design	the art or process of planning and creating something
materials	a material is a substance or mixture of substances that constitutes an object.
evaluate	to judge the value or worth of something.