

Year 2
Autumn Term
Fire Engines

Evaluating existing products	Explore modern fire engines and their features.
Investigate materials, tools and techniques	Explore how wheels, axles and chassis work together to create the base of a fire engine. Investigate different ways of creating the body of a fire engine, using materials such as cardboard boxes, lolly sticks and other craft materials.
Design	Design a fire engines considering which materials and tools you will need, noting their design ideas using notes and diagrams.
Make	Using designs create a fire engines, using a range of different materials, tools and techniques.
Evaluate	Evaluate your own fire engines, as well as fire engines made by your peers. Consider what went well, what could be improved upon and what you could do differently next time.

Vocabulary
wheels, axles, dowelling, fire engines, investigate, make, design, evaluate, materials, ladder, fire hose, windscreen

