

# Design & Technology Knowledge Organiser

## Year two —Wheels & Axels – Fire Engine

### Design

Know technical vocabulary relevant to the project

Know how to develop and communicate ideas through drawings and mock-ups

### Make

Explore a range of tools and equipment to make the fire engine such as saws and glue guns

Know how to perform practical tasks such as cutting, joining to allow movement and finishing- safely

### Evaluate

How did it go? What went well, what didn't go well. What would you change next time?

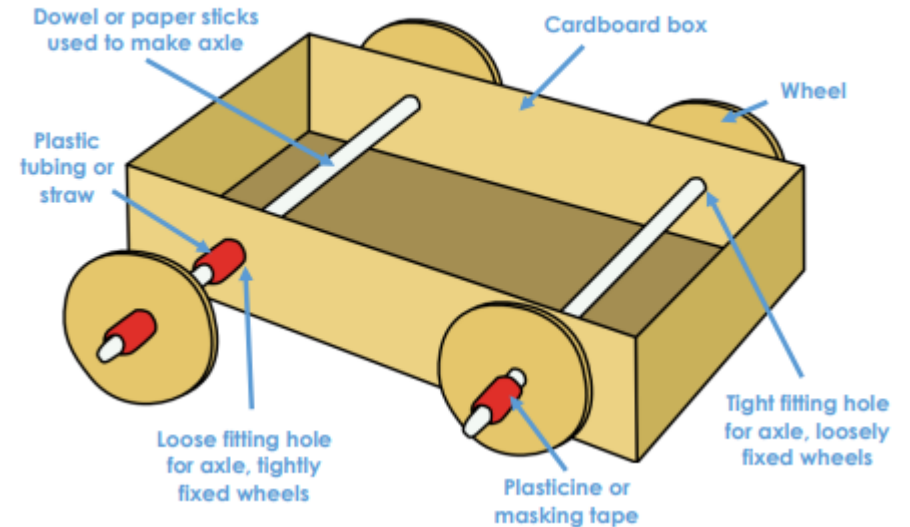
### Links to prior learning

*Explored moving vehicles through play.*

*Gained some experience of designing, making and evaluating products for a specified user and purpose.*

*Developed some cutting, joining and finishing skills with card.*

## Two different ways to fix wheels



### **Key words**

vehicle, wheel, axle, axle holder, chassis, body, cab assembling, cutting, joining, shaping, finishing, fixed, free, moving, mech-

