# Design and Technology - Knowledge

## Year 1 – Bottle

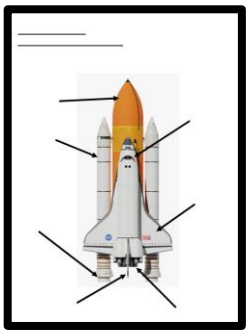
### Key vocabulary

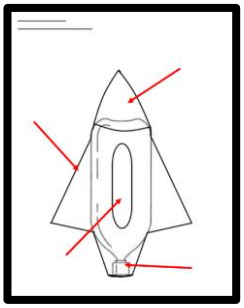
- Rocket
- Launcher
- Release
- Nose cone
- Fins
- Exhaust
- Thrust
- Water pressure
- Cut
- Stick
- Join
- Fasten
- Glue
- Card
-

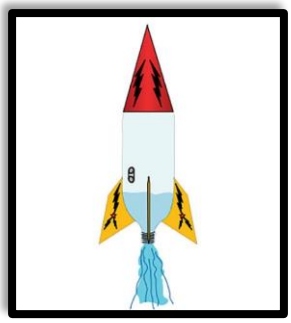
### Rockets

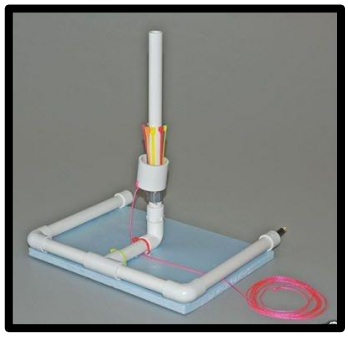
### Design brief

Design, make and evaluate a bottle rocket for Year 1 to launch as a space rockets demonstration to KS1. Use examples of rockets as inspiration for the design. Think about the key aspects of the rocket, such as the nose cone, fins and windows.











### Skills

**Design**

- I can explain what I want to do.
- I can design a product for myself following design brief.
- I can think of my own ideas.
- I can describe my design by using pictures and words.

**Make**

- I can join materials in different ways.
- I can explain what I am making and why.
- I can select tools and equipment to cut, shape, join and finish.
- I can describe which tools I am using and why.
- I can make a product that looks like my design.

**Evaluat**

- I can talk about my own work linked to what I was asked to do.
- I can talk about my own work and things that other people have done.
- I can talk about how my product came out.
- I can say what I would do differently next time.