



At the end of year two I will know and remember...

### **Mechanisms – Wheels and Axles – A moving car**

- I can distinguish between fixed and freely moving axles.
- I know that the chassis is the base frame of a wheeled vehicle.
- I know and understand the technical vocabulary... **axle, dowel, axle holder, chassis, free axle, fixed axle**
- I can develop, model and communicate ideas through drawings and mock-ups with card and paper
- I can use simple finishing techniques suitable for the product I am creating.
- I can evaluate by discussing how well it works in relation to the purpose and the user and whether it meets design criteria.

### **Food – Design, make and evaluate a vegetable couscous**

- I understand where a range of vegetables come from.
- I understand and use principles of a healthy and varied diet to prepare dishes.
- I can generate initial ideas and design criteria through investigating a variety of vegetables.
- I can use simple utensils and equipment to e.g. peel, cut, slice, squeeze, grate and chop safely.
- I can evaluate my ideas and finished products against my design criteria, including intended user and purpose.

### **Textiles- Design and make a Rescue Flag**

- I can punch, staple and join fabric.
- I can sew with a running stitch and an over stitch.
- I know and understand the technical vocabulary... **template, finish, mock-up, suitable, running, over-stich, stapling.**
- I can design a functional and appealing product for a chosen user and purpose.
- I can select from and use a range of tools and equipment to perform practical tasks such as marking out, cutting, joining and finishing.
- I can evaluate my final products against my original design criteria.