



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

Mechanical Systems – Pulleys and gears

- I understand that mechanical and electrical systems have an input, process and an output.
- I understand how gears and pulleys can be used to speed up, slow down or change the direction of movement.
- I know and understand the vocabulary: **drive belt, motor spindle, gearing up or down, mesh, driver, follower, mechanical system**
- I understand that mechanical systems have an input, output and process.
- I understand how CAMS can be used to produce different types of movement and change the direction of movement.
- I know and understand the vocabulary: **rotary motion, oscillating, reciprocating motion, spacer, slider, lever, guide**

Food – Celebrating culture, food tasting, food preparation, market research

- I know how to use utensils and equipment including heat sources to prepare and cook food.
- I understand about seasonality in relation to food products and the source of different food products.
- I know and understand the vocabulary: **finishing, rubbing in, unleavened bread, yeast, germ, endosperm, dough, bran, knead**

Structures – Frame structures

- I understand how to strengthen, stiffen and reinforce 3D frameworks.
- I know and understand the vocabulary: **modelling, compression, strut, tension, tie, diagonal, horizontal, vertical, triangulation, frame structure**