




Year Overview	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1		Celebration cards – mechanisms sliders and levers		Make a smoothie – cooking and nutrition		Challenge – KS1 (Make a pop up poster for healthy eating)
Year 2		Make a bridge – free standing structures		Make a hand puppet – textiles: templates and joining techniques		Make a teddy taxi – mechanisms: wheels and axles
Year 3		Making oat bars, healthy varied diets – food and nutrition		Pop up card - levers and linkages		Challenge – lower KS2 Build a boat that floats with a pop up aspect.
Year 4		Make a Christmas light up display box for the classroom – Electrical systems – simple circuits and switches		A model barn link to history (Anglo Saxon) -_Frame structures		Challenge – lower KS2 Build a boat that floats with a pop up aspect.
Year 5		Traffic Lights – complex systems and circuits		Making a cultural dish – cooking and nutrition		Challenge – Upper KS2 (create a moving car including

						traffic lights, CAD)
<b>Year 6</b>		Create a car - Pulleys and gears		Create a clothing item - Textiles and joining		Challenge – Upper KS2 (create a moving car including traffic lights, CAD)

-  To be covered in Autumn
-  To be covered in Spring
-  To be covered in Summer

### Year 1

- Celebration cards – mechanisms sliders and levers
- Make a smoothie – cooking and nutrition

### Year 2

- Make a bridge – free standing structures
- Make a hand puppet – textiles: templates and joining techniques
- Make a teddy taxi – mechanisms: wheels and axles

### Year 3

- Making oat bars, healthy varied diets – food and nutrition – gift box with symbols or Diwali patterns
- Pop up card - levers and linkages

### Year 4

- Make a light up display box – Electrical systems, simple circuits and switches
- Frame structures – building an Anglo Saxon barn

### Year 5

- Making a cultural dish – celebrating culture and seasonality – food and nutrition (Oak Academy) – revisit prior RE lessons (Hinduism, Easter and Hanukah, Ramadan and Ede (box for gift)
- Control– make traffic lights – complex electrical systems and circuits, CAD

### Year 6

- Pulleys and gears – create a car
- Textiles and joining