



St Joseph's Design Technology Curriculum Pathway

Secondary School

Pulleys or Gears
MECHANICAL SYSTEMS

Links with Y4 systems

Culture and seasonality
FOOD

Possible techniques that children could use

Follows on from all year groups

Combining Fabric Shapes
TEXTILES

Stitches

Links with Year 2 textiles

Year Six

Frame structures
STRUCTURES

Links with Y1 structures

Celebrating culture and seasonality
FOOD

Links with Food KS1 and Y4

Complex switches and circuits
ELECTRICAL SYSTEMS

Links with Y4

Year Five

Simple circuits and switches
ELECTRICAL SYSTEMS

Links with Electricity Y4 Science

Healthy and Varied Diet
FOOD

Links with KS1 Food

Levers and linkages
MECHANICAL SYSTEMS

Links with Y6 making a toy vehicle

Healthy and varied diet
FOOD

Links with food theme Y2, Y3, Y4

2d to 3d product
TEXTILES

Links with Y2 and Y6

Year Four

Shell structures

Links with KS2 structures Y6

Joining techniques
TEXTILES

Links with making pencil cases Y6

A Healthy and varied diet
FOOD

Links with Y2 Science

Year Three

Freestanding structures
STRUCTURES

Links with Y1 Fairy tales

Fruit and vegetables
FOOD

Links with Y1 Geography

Wheels and axles
MECHANISMS

Links with Y2 History of Flight

Year Two

Sliders and Levers
MECHANISMS

Links with Y1 English and mechanical story

Building and creating with blocks

Moving parts and wheels

Links with Y4 / Y6

Designing and making a Diwali pot - Diya

Designing and building a dream house

Links with Y1 / Y3 Structures

Year One

ELG – Expressive Arts and Design – Creating with Materials

Children at the expected level of development will:

- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
- Share their creations, explaining the process they have used.
- Make use of props and materials when role playing characters in narratives and stories.

Junk Modelling

Designing and making porridge

Links with Y1/2 Healthy foods

EYFS