# ENGLISH MARTYRS' CATHOLIC PRIMARY SCHOOL

# Design Technology Curriculum Roadmap

Design • Make • Evaluate • Create a Brighter Tomorrow

"Using our God-given talents to design a kinder, fairer world."

Big Ideas Bright Futures

Design Make Evaluate Improve

Real Life Skills Brighter Futures

Sustainable Thoughtful Responsible

Design Technology Builds a Better Tomorrow

Tools Skills Creativity Confidence

Imagine Innovate Inspire

Create Solve Make a Difference

## Nursery

- Use clay to make Diva Lamps
- Make Igloos using sugar cubes.
- Make models around the animals in Nursery using various construction materials.
- Make Woodwork emergency vehicles using different construction materials.

## Reception

- Make a birthday cake, model of themselves in an outline.
- Create their own broomsticks.
- Make a model of an igloo using marshmallows and cocktail sticks.
- Design their own Pancake and create.
- Make smoothies and using equipment safely – linked to being healthy and growing.
- Safely use tools related to woodwork / houses.
- Make models of Gingerbread houses.
- Make houses for the three little pigs.

## Year 1

- Stable Structures
- Cooking & Nutrition: Smoothies
- Making Puppets
- Mechanisms: Moving Storybooks
- Axles & Wheels

## Year 2

- Mechanisms – Moving Monsters
- Food: Creating a Sandwich for a farmer
- Structures: A chair for Badger
- Mechanisms: Fairground Wheel

## Year 3

- Cooking and Nutrition: Eating Seasonally
- Digital World: Wearable Technology
- Structures: Constructing a castle

## Year 4

- Electrical Systems: Torches
- Mechanical Systems: Slingshot car
- Structure: Pavilions

## Year 5

- Electrical Systems: Doodlers
- Mechanical Systems: Gears & Pulleys
- Food: What could be healthier?

## Year 6

- Textiles: Waistcoats
- Cooking & Nutrition: Come Dine With Me!
- Digital World: Navigating the world

Love Care Nurture Trust

Designers Today
A Kinder, Fairer Tomorrow