



# LONG TERM CURRICULUM OVERVIEW – DESIGN TECHNOLOGY 2024-2025

## AUTUMN

## SPRING

## SUMMER

**FS2**

Expressive arts and design  
What Christmas decoration can I design with salt dough?

Expressive arts and design  
How can I create a rocket using reusable items?

Expressive arts and design  
How can I make a sea creature using recycled materials?

**YEAR 1**

How can we design a successful kite?  
Structures

How can we make a moving picture?  
Mechanisms

How can I make my sandwich healthier?  
Cooking and Nutrition

**YEAR 2**

What toppings make a healthy pizza?  
Cooking and Nutrition

How can I create an effective puppet?  
Textiles

How can I make my fire engine move?  
Structures & Mechanisms

**YEAR 3**

How do we make a pencil case that can open and close?  
Textiles

How is bread made?  
Cooking and Nutrition

How can I operate my moving monster?  
Pneumatics

**YEAR 4**

How can I construct a gingerbread house for Christmas?  
Cooking and Nutrition

Can I design and make a lightbox?  
Control, mechanisms, electric circuits, CAD

What makes the strongest design for a bridge?  
Structures

**YEAR 5 / 6**  
Year 2 of rolling programme

How can I make fashionable clothing?  
Textiles

What do people in Mexico eat?  
Food and Nutrition

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**YEAR 5 / 6**  
Year 1 of rolling programme

How can we make an effective security alarm?  
Control, mechanisms, electric circuits, CAD

How can I make an effective bird hide?  
Structures

What makes a tasty burger?  
Cooking and Nutrition