



DT Year Group Curriculum Overview

Autumn

Spring

Summer

Hazel Class

(EYFS)

Textiles : Let's look at hats

How fabrics can be joined and used.

Textiles : Three Bears picnic blanket

How fabrics can be joined and used.

Food : Fantastic Fruit

Healthy eating and hygiene in preparing food.

Food : Super Smoothies

Healthy eating and hygiene in preparing food.

Structures : Chairs for the Three Bears

Choosing suitable materials and joins needed.

Mechanisms : Hinges and catches

How to make simple hinges and ways to fasten.

Willow Class

(Year 1)

Mechanisms : Moving pictures greetings cards

Sliders and levers

Science unit link: Identifying materials (Aut2)

Structures : Whose home?

Free-standing structures

Science unit link: Comparing materials (Sp1)

Food : Dips and dippers

Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)

Science unit link: Types of animals-diet (Sp2), Plants (Sum2)

Maple Class

(Year 2)

Textiles : Puppet

Templates and joining techniques

Science unit link: Changing shape (Aut1), Uses of materials (Aut2)

Structures : Playgrounds for everyone (Designing Everyone In...)

Wheels and axles.

Science unit link: Uses of materials (Aut2)

Food : Super salads

Preparing fruit and vegetables (including cooking and nutrition requirements for KS1)

Science unit link: Feeding and exercise (Sum1)

Oak Class

(Year 3)

Food : Soup

Celebrating culture and seasonality (including cooking and nutrition requirements for KS2)

Science unit link: Movement and feeding (Aut1)

Mechanical Systems : Mighty mascot

Pneumatic systems

Science unit link: Magnets and forces (Aut2)

Textiles : Design and make an apron

2D shape to 3D product

Science unit link: Uses of materials (Y2 Aut2)

Rowan Class

(Year 4)

Food : Sandwich snacks

Healthy varied diet (including cooking and nutrition requirements for KS2).

Science unit link: Human nutrition (Aut1)

Structures : No more squashed sandwiches

Packaging and shell structures

Science unit link: Materials (Y2 Aut)
• Maths- Shape nets

Electrical systems : Night lights

Simple circuits and switches (including programming and control)

Science unit link: Electricity (Sum1)

Beech Class (Year 5)	<u>Food</u> : Christmas ginger biscuits Celebrating culture and seasonality (including cooking and nutrition requirements for KS2) <i>Science unit link: Changes of state (Y4 Sum2)</i>	<u>Mechanical systems</u> : Moving messages Belts, pulleys or gears. <i>Science unit link: Forces (Aut1)</i>	<u>Textiles</u> : Brilliant bags Combining different fabric shapes. <i>Science unit link: Materials (Sum2)</i>
Sycamore (Year 6)	<u>Electrical systems</u> : Fairgrounds More complex switches and circuits (including programming, monitoring and control) <i>Science unit link: Changing circuits (Aut1)</i>	<u>Food</u> : Making bread with six essentials Healthy varied diet (including cooking and nutrition requirements for KS2). <i>Science unit link: Our Bodies (Sp1)</i>	<u>Structures</u> : Bird hide challenge <i>(Designing Everyone In...)</i> Frame structures <i>Science unit link: Materials (Y5 Sum2), Review unit (Sum2)</i>
This is planned using Design & Technology Association scheme of work.			

Due to pre-school children spending two years in Hazel Class, the six units will be taught on a rolling programme.