 **Design Technology Long Term Plan – Whole School Overview 2021-2022**

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|  |  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| **Foundation** |
| **1S** | Year A | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
| Year B | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
| **1N** | Year A | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
| Year B | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
| **1G** | Year A | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
| Year B | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
| **Key Stage 1** |
| **1A** | Year A | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
|  | Year B | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
| **1T** | Year A | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
|  | Year B | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills | Essential skills |
| **Key Stage 2** |
| **2WR** | Year A | Freestanding Structures- Enclosures for zoo/farm animals | Healthy eating- sandwiches and salads | Mechanisms (sliders and levers)- moving parts in pictures. |
| Year B | Templates and joining techniques in Textiles- Puppets | Where food comes from- vegetables | Mechanisms (sliders and levers)- monsters |
| **2BL** | Year A | Textiles – Fabric bunting | Where food comes from – Dips and dippers  | Templates and joining techniques – jigsaws/puzzles |
| Year B | Textiles – Designing a kite  | Healthy eating – Sensational salads | Mechanisms (sliders and levers) – Moving pictures |
| **2WI** | Year A | Balanced diet- cakes and treats | Templates and joining techniques Textiles- finger puppets | Mechanisms (axles and wheels)- vehicles |
| **2SH** | Year B | Healthy eating- sandwiches and wraps | Structure (shell structures)- packaging and boxes | Mechanisms (sliders and levers)- moving storybooks |
| **2MC** | Year A | Cooking - healthy snacks | Structures (freestanding structures) - playgrounds | Mechanisms (wheels and axles) - moving toys |
| Year B | Where food comes from- Grains bread/cakes | Textiles (2D to 3D design)- items of clothing e.g. T-shirts | Mechanisms (levers and sliders)- greetings cards |
| **Class 2BA**SCERTS | Year A | DT - Making musical instrumentsFT - Fruit | Healthy eating - sandwiches and wraps | Cakes and Treats(A royal afternoon tea) |
| Year B | Healthy snacks | Foods that make us warmMechanisms (wheels and axles) -Vehicles | FT - Foods that come from the farm. DT - Mechanisms - moving storybooks |
| Year C | Hot and cold foods | Mechanisms (sliders and levers/wheels and axles) - Toys. FT - Treat boxes | Structure (shell structures)- packaging and boxes. FT - Picnic foods |
| Year D | Mechanisms (sliders/levers) - greetings cards. FT - My favourite foods | Freestanding Structures - PlaygroundsFT - A healthy lunch box | Templates and joining techniques Textiles- Puppets. FT - Biscuits |

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|  |  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| **Key Stage 3** |
| **Class 3G****Linked to SCERTs** | Year 1 | Festivals – Festival food and festival structures | Our community – Moving pictures, food in different communities and Easter treats | The rainforest – Puppets, tropical foods and summer treats |
| Year 2 | The Arctic – Freestanding structures and hot/cold foods | Space – Wheels and axis and snacks | Adventures - Packaging and structures and foods around the world |
| Year 3 | Outside – Picnic foods and healthy snacks | All about me – Greeting cards, my favourite foods and celebration foods | Homes – Structures, designs, vegetables, homely foods & traditional cooking |
| **P1****P2****P3** | Year A | Textiles:Making a bag (joining and combining techniques) | Basic food hygiene: Food handling, preparation and storageOne pot cooking | Electrical: How things workin the kitchen (Microwaves, Ovens, Kettles, Toasters ) | Ways with eggs: Omelettes, Poached, Boiled, Scrambled & Fried | Textiles: Designing & Making Jewellery | Making a snack:Crisps, Biscuits, Fruit and Packs |
| Year B | Structures: Designing & Making a Mobile | Basic food hygiene:food handling, preparation and storageWinter Warmers - Soups | Textiles: How things fasten. Clothing Buttons, Zips, Shoe laces, Ties. Sew a button on. | Ways with potatoes:Jackets & fillings, Mash Mixed & ColcannonHealthy Chips | Structures: Building with Materials Design and create a shelter for outdoors | Pasta meals:spaghetti, conchigli, spirali etc and a basic tomato sauce |
| Year C | Famous Inventors: Robert Sinclair/ Vivien Westwood/ Charles Rennie MacKintosh / Alexander Graham Bell/Mary Quant/ Edwin Lutyens | Basic food hygiene:food handling, preparation and storageWinter puddings | Electrical: How things work in the living room (remote, tv, radio etc) | Meals in a hurry:Quick/Convenience Meals | Mechanical Cogs and Locks:How they work Create a simple bar lock | Summer Salads:Savoury & Sweet |
| **P4****P5****P6** | Year A |  | Structures andbuildings | Picture framesHollywood cooking |
| Year B | Transport andvehicles | Traditional British foods | Healthy snacks and eating |
| Year C | Making Spanish musical instruments | Making Rockets | Cooking at home |
| **Key Stage 4** |
| **Q1****Q2****Q3** |   | Foodwise - linked to ASDAN and Qualifications |
| **Q4** |  | ASDAN Personal Progress (food making units) |

Classes 2BA, 3G, P4, P5 and P6 all follow their own thematic curriculums.

Design Technology is covered in each class in a topic theme each term.