 **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 instruments  FT - Fruit | | | Healthy eating - sandwiches and wraps | | | Cakes and Treats  (A royal afternoon tea) | | | |
| Year B | Healthy snacks | | | Foods that make us warm  Mechanisms (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 - Playgrounds  FT - 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 storage  One pot cooking | Electrical: How things work  in 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 storage  Winter Warmers - Soups | Textiles: How things fasten. Clothing Buttons, Zips, Shoe laces, Ties. Sew a button on. | Ways with potatoes:  Jackets & fillings,  Mash Mixed & Colcannon  Healthy 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 storage  Winter 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 and  buildings | | Picture frames  Hollywood cooking | |
| Year B | Transport and  vehicles | | 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.