(January 2023)  Class 2: Design and Technology – Cycle A

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| Autumn 1  | Autumn 2  | Spring 1  | Spring 2  | Summer 1  | Summer 2  |
|    |  Design a Healthy Meal – Cooking & Hygiene  |  Designing & Making  - Castles   |  Textiles - Sewing  |    |  Design a 3D school garden  |
|    | 1 Food Groups. What is a balanced diet? 2 Investigation - Healthy meal 3 Ingredients exploration 4 Design a meal 5. Make and taste, 5 Evaluate.   | 1 Exploring product features 2 Investigate and test materials 3. Plan a design 1. Make the design
2. Evaluate

 | 1 Research and evaluate the product. 2 Investigate ways of joining sewing skills. 3 Make a plan and design the product. 4 Make the product. 5 Evaluate.  |    |  1. Evaluate types of gardens 2. What garden does our school need? Survey 3.Mapping of the school grounds 1. Design the school garden
2. Make model of the garden

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 Class 2: Design and Technology – Cycle B

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| Autumn 1  | Autumn 2  | Spring 1  | Spring 2  | Summer 1  | Summer 2  |
|    |  Design a Christmas Meal – Cooking & Hygiene  |  Designing & Making – Rockets/Vehicles  |  Designing & Making – 3D Moving Aquarium   |    |  Design a Healthy Snack – Cooking & Hygiene  |
|      | 1 What is traditional Christmas food and why? 2 Compare Christmas food from other countries. 3 Investigate ingredients, 4 Design a meal. 5 Make and taste. 6 Evaluate.  |  1. Explore rocket features.
2. Plan a rocket design.
3. Investigate materials.
4. Follow instructions.
5. Make the design.
6. Evaluate the design.

 |  1 Investigate sliding mechanisms 2 Explore Lever and Pivot mechanisms 3 Experiment with wheel mechanisms 4 Make a moving picture 5 Make a moving picture 6 Evaluate the design   |        |  1 What do nurses want us to eat? 2 Investigate food groups 3 Investigate ingredients. 4 Design a meal 5. Make and taste. 6. Evaluate.    |

 Class 3: Design and Technology – Cycle A

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| Autumn 1  | Autumn 2  | Spring 1  | Spring 2  | Summer 1  | Summer 2  |
|  The Roman Empire  |  Textiles - Stockings  |    |  Moving Models - Volcanoes  |  Mini Greenhouses  |     |
|  1. Research Roman shields
2. Investigate materials
3. Complete design sheet
4. Construct the shield
5. Decorate the shield
6. Evaluation of the design

 |  1. Existing products
2. Exploring stitches
3. Decorating fabric
4. Design time
5. Creating your product
6. Evaluation

  |      |  1 What is a volcano? 2 Investigate materials 3 What will make the eruption? 4 Design the volcano 5 Follow instructions 6 Evaluate the designs   |  1 Explore existing greenhouses? 2 Stability 3 Materials 4 Design a mini greenhouse 5 Make a mini greenhouse 6 Evaluate a mini greenhouse   |      |

 Class 3: Design and Technology – Cycle B

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| Autumn 1  | Autumn 2  | Spring 1  | Spring 2  | Summer 1  | Summer 2  |
|  Sandwich Snacks - Cooking   |  Designing and Making Remembrance Poppies   |  Torches  |    |    |  Designing & Making Pyramid Structures  |
| 1 Food Groups 2 Taste and Test 3 Sandwich Design 4 Sandwich Chef 5 The Evaluation.   |  1. Explore products 2. Investigating Stitches. 1. Decorating fabrics.
2. Design time.
3. Creating your product.
4. Evaluation.

    |  1. Seeing the Light
2. Circuits and switches
3. A case study
4. The design of the torch
5. Let there be Light!
6. The evaluation

 |    |      |  1. Exploring product features
2. Planning designs
3. Investigating materials
4. Following a plan
5. Evaluate the design

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Class 4: Design and Technology – Cycle A

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| Autumn 1  | Autumn 2  | Spring 1  | Spring 2  | Summer 1  | Summer 2  |
|    |  Fairground  |    |  Designing & Making WW2 planes, shelters & Gas mask boxes  |  Funky Furnishings Sewing  |  Great British Dishes  |
|      |  1. A Trip to the Fair
2. Merry-Go-Motors
3. Fair Frames
4. The Design
5. The Creation
6. The Evaluation

 |      |  1. Investigating Products.
2. Call in the Reinforcements!
3. Materials Matter.
4. The Design.
5. The Cover.
6. The Evaluation.

   |  1 Investigating Cushions 2 Joining Techniques 3 Decorative joining techniques 4 Fastenings 5 Time to Design! 6 Making and Evaluating    |  1 Savoury English Dishes 2 Sweet English Dishes 3 National Scottish Dishes 4 National Welsh Dishes 5 Influences from Around the 6 World Plan and Shop for a Meal   |

 Class 4: Design and Technology – Cycle B

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| Autumn 1  | Autumn 2  | Spring 1  | Spring 2  | Summer 1  | Summer 2  |
|    |  Gingerbread Houses  |  Building Bridges  |    |  Fashion and Textiles  |    |
|       |  1. Design
2. Computer Design
3. Design Improvements
4. Construction
5. Decorating
6. Evaluation

  |  1. Beam Bridges
2. Truss Bridges
3. Arch Bridges
4. Suspension Bridges
5. Bridge Building Challenge
6. Evaluate Bridge Challenge

 |    |  1. How are clothes made?
2. Sewing Stitches
3. Designing Pattern Pieces
4. Using Pattern Pieces
5. Hand-sewing and Joining
6. Hemming, Decorating and

Finishing   |         |