**Year 2 DT Curriculum (MTP)**

**Science LTP**

**Holy Trinity C of E Primary School**

**Science LTP**



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Designing and Evaluating** | **Using Materials – Templates and Joining Techniques** | **Food Awareness - Preparing fruit and vegetables** | **Structures – Freestanding structures** | **Mechanisms –**  **Wheels and Axels** |
| D: Can develop own ideas from initial starting points based on a design criteria  D: Can think of ideas and plan what to do next  D: Can make plans  D: Can represent their own ideas, thoughts and feelings through design and technology  D/E: Explore a range of existing products, discussing how they are made and how they work.  D: Discuss how these products could help them with their own design  E: Can explain what went well with their work against design criteria  E: Can explore and evaluate a range of existing products | D: Can develop own ideas from initial starting points based on a design criteria  D: Can think of ideas and plan what to do next  M: Can make, measure out, cut and shape materials and components and apply a finishing  M: Can assemble, join and combine materials and components  E: Can explain what went well with their work against a design criteria  E: Can explore and evaluate a range of existing products  UM: Can choose the best tools and materials  UM: Can explain why they chose a certain textile  UM: Can join materials together in different ways  UM: To know where simple fabrics come from/are made of | D: Can develop own ideas from initial starting points based on a given design criteria  D: Can think of ideas and plan what to do next  M: Can select and use a range of equipment  M: Can measure, cut and shape ingredients and apply a finishing  E: Can explore and evaluate a range of existing products  FA: Can describe the properties of the ingredients they are using  FA: Can use a cooking method e.g. folding  FA: Can understand where food comes from.  FA: To know how to name and sort foods into the five groups in The Eatwell Plate | D: Can develop own ideas from initial starting points based on a design criteria  D: Can think of ideas and plan what to do next  M: Can make, measure out, cut and shape materials and components and apply a finishing  M: Can assemble, join and combine materials and components  E: Can explain what went well with their work against a design criteria  E: Can explore and evaluate a range of existing products  S: Can measure materials to use in a model or structure  S: Can build structures, exploring how they can be made stronger and more stable | D: Can develop own ideas from initial starting points based on a design criteria  D: Can think of ideas and plan what to do next  M: Can measure, mark out cut and shape materials and components and apply a finishing  E: Can explain what went well with their work against design criteria  Me: Can join things (materials/components) together in different ways  Me: Can explore and use mechanisms such as wheels and axels in their products. |
| **NB**  **Designing and Evaluation runs through all of the strands taught.**  **Within lessons consider including work on designers, chefs and inventors/inventions (e.g. George Stephenson, Nigella Lawson)** | | | | |