**Year 2 DT Curriculum (MTP)**

**Science LTP**

**Holy Trinity C of E Primary School**

**Science LTP**



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| **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 criteriaD: Can think of ideas and plan what to do nextD: Can make plansD: Can represent their own ideas, thoughts and feelings through design and technologyD/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 designE: Can explain what went well with their work against design criteriaE: Can explore and evaluate a range of existing products | D: Can develop own ideas from initial starting points based on a design criteriaD: Can think of ideas and plan what to do nextM: Can make, measure out, cut and shape materials and components and apply a finishingM: Can assemble, join and combine materials and componentsE: Can explain what went well with their work against a design criteriaE: Can explore and evaluate a range of existing productsUM: Can choose the best tools and materialsUM: Can explain why they chose a certain textileUM: Can join materials together in different waysUM: To know where simple fabrics come from/are made of | D: Can develop own ideas from initial starting points based on a given design criteriaD: Can think of ideas and plan what to do nextM: Can select and use a range of equipmentM: Can measure, cut and shape ingredients and apply a finishingE: Can explore and evaluate a range of existing productsFA: Can describe the properties of the ingredients they are usingFA: Can use a cooking method e.g. foldingFA: 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 criteriaD: Can think of ideas and plan what to do nextM: Can make, measure out, cut and shape materials and components and apply a finishingM: Can assemble, join and combine materials and componentsE: Can explain what went well with their work against a design criteriaE: Can explore and evaluate a range of existing productsS: Can measure materials to use in a model or structureS: 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 criteriaD: Can think of ideas and plan what to do nextM: Can measure, mark out cut and shape materials and components and apply a finishingE: Can explain what went well with their work against design criteriaMe: Can join things (materials/components) together in different waysMe: 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)** |