

| | <u>Project 1</u> | <u>Project 2</u> | <u>Project 3</u> |
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| Year 3 | <p><u>Mechanical Systems:</u> (Levers and Linkages) Moving Picture – Heroes and Villains <i>Create a moving picture that re-tells a scene involving a super-hero.</i></p> | <p><u>Structure:</u> Roman Chariot <i>Use woodworking skills to create the base of a Roman Chariot. It will have axles and wheels.</i></p> | <p><u>Food:</u> Victoria Sponge <i>Design a picnic and bake a cake fit for a garden party celebrating the king.</i></p> |
| Year 4 | <p><u>Textiles:</u> Christmas Decoration <i>Design and make a Christmas decoration as a gift for a loved-one.</i></p> | <p><u>Food:</u> Healthy Pizza <i>Using a rainbow of colours, the children will create a vegetarian pizza that will appeal to multiple senses and where taste and texture are considered.</i></p> | <p><u>Electronics:</u> Bottle Torches <i>Make a torch using a plastic bottle, foil and circuits. It will include a working switch.</i></p> |
| Year 5 | <p><u>Food:</u> Bread <i>Design a healthy banquet for Henry VIII to help him lose weight and bake a batch of bread rolls for it.</i></p> | <p><u>Mechanical Systems:</u> (Lever and Linkages) Space Scene <i>Investigate levers and linkages to be able to create a Space themed picture which has at least 2 separate moving parts.</i></p> | <p><u>Structure:</u> Eco-House <i>Design and make a 3D structure out of wood that will be the base for an eco-house and garden made from recyclable materials.</i></p> |
| Year 6 | <p><u>Food:</u> Greek Culture <i>Investigate traditional Greek culture and design a salad based on their diet. As part of this, the children will have opportunities to try new foods.</i></p> | <p><u>Electronics + CAD:</u> Lighthouses <i>Design a lighthouse using TinkerCad (including circuit patterns) and then build a working model.</i></p> | <p><u>Textiles:</u> Drawstring bag <i>To design and make a pencil case or storage bag for personal items which will be decorated using fabric pens.</i></p> |