DT Overview

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| **Year Group** | **Autumn1** | **Autumn 2** | **Spring 1** | **Spring 2** | **Summer 1** | **Summer 2** |
| Year 1 | **Enchanted Woodland** | **Paws, Claws and Whiskers** | **Bright Lights, Big City and Taxi!** | **Dinosaur Planet** | **Rio Di Vida** |
|  | **Food - Tea Party**Children will prepare food for an enchanted tea party. They will use cooking skills such as spreading, chopping and peeling and safely use utensils such as a knife. Children will practice good hygiene and learn about different foods and healthy foods.  | Discrete | **Mechanisms – Taxi**Children will design and make their own taxi. They will use appropriate tools and materials, wheels and axels to make their product. | Discrete | **Textiles -** **Amazon Rainforest Animals**Children will make their own rainforest animal. They will learn to use a basic running stitch, use a template to cut shapes and to use cutting materials safely. |
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| Year 2 | **Towers , Turrets and Tunnels** | **Let’s explore the World** | **Street Detectives** | **Coastline / Land Ahoy** |
|  | **Structures – Castle**Children will design and make their own castle. They will use different joining techniques, cutting and shaping techniques and practice using cutting tools safely. | **Food - Healthy Meal**Children will create a healthy meal from a country around the world. They will use measuring and weighing skills, how to use cooking utensils safely and practice good hygiene. | Discrete | **Textiles – Minibeasts**Children will use a basic running stitch to create their own coastal minibeast. They will choose suitable materials, measure and mark them, use cutting tools safely and use decorative skills. |
| Year 3 | **God’s and mortals** | **Rocks, Relic and Rumbles****Ammomite** | **Scrumdiddlyumptious** | **Tribal Tales** |
|  | **Mechanisms - Moving God’s**Children will create their own moving Greek God. They will use levers and linkages to try out new and different ideas. | Discrete | **Food - Healthy Smoothie / Baking** Children will design and make their own healthy smoothie and baked treats. They will use their skills of measuring, weighing and preparing food and use cooking utensils safely. They will use finishing techniques to make their product desirable to others. | Discrete |
| Year 4 | **I am Warrior!** | **Road Trip USA!** | **Peaks and Cities** | **Pharaohs** | **Misty mountain, Winding River** |
|  | **Food - Roman Meal**Children will prepare traditional Roman foods using cooking and measuring skills, use utensils safely and practising good hygiene. They will think about how to present their product and which foods to others. | **Textiles - American Flag**Children will choose suitable materials to make their own American flag. They will learn and use the running stich and backstitch, use cutting tools and sewing tools safely. | Discrete | Discrete | **Structures – Bridges**Children will make their own bridges. They will choose appropriate materials, use a range of cutting tools safely and accurately and use different joining techniques to create a strong product.  |

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| Year 5 | **Stargazers** | **Alan Turing** | **Traders and Raiders** | **Farm, Grow** |
|  | **Textiles – Moonscape**Create a moonscape using different stitches, (running, backstitch, blanket) tools, materials and products and create and use own templates. | Discrete | Discrete  | **Structures/ Electronics - Greenhouse**Children will design and make a 3D frame using different cutting tools and joining techniques. They will create a circuit with a switch to light up / alarm their greenhouse. | **Food -****Healthy meal using allotment food**Children will learn about the seasonality of food and prepare a healthy meal with an intended user in mind. They will confidently use food cooking and preparation skills as well as use a range of utensils safely. Children will be competent with food hygiene. |
| Year 6 | **Hola Mexico!** | **Fallen Fields – WW1** | **Frozen Kingdoms/ Inuit****ID** | **Revolution** |
|  | **Food - Mexican meal**Children will use their topic knowledge of Mexico to prepare a Mexican feast. They will confidently use food cooking and preparation skills and cooking utensils safely and accurately. | Discrete | **Mechanisms – Moving arctic animals**Children will use cams, pulleys or gears to create a moving animal. They will confidently test out and try new ideas and suggest ways to alter or improve their product. | **Textiles – Clothing**Children will design and make a simple Victorian apron (that ties around the waist). They will use a range of technical processes including stitching and bonding. |