Design & Technology Curriculum Overview

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| **Year Group** | **Unit 1** | **Unit 2** | **Unit 3** |
| Reception | Diwa lamps Straw people/skeletonsChristmas cards | Houses for Three pigs Junk modelling Easter cards | Paper Mache eggs/life cycle Healthy fruit salads and kebabs Vehicles-model making |
| Year 1 | Mechanical systems(sliders and levers)Dancing Santas | Mechanisms(Wheels and axels) Trains | Food(Preparing fruit and vegetables) Healthy smoothie-PSHE Healthy Me |
| Year 2 | Textiles(2-D shape to 3-D product) Making a phone case Autumn 2 | Food(Preparing fruit and vegetables) Making a fruit salad – Healthy Me PSHE | Structures(Free standing structures) |
| 3 | Structures(Shell structures – including CAD) – Christmas boxes (Autumn 2) | Mechanical systems(Levers and linkages) – Easter cards – (spring 2) | Electrical systems(simple programming and control) – lava lamps – links with geography Volcanoes and Earthquakes unit and science light unit (summer 2) |
| 4 | Electrical systems(simple circuits and switches) Buzz Games | Mechanical systems(Pneumatics) Moving Monsters | Food(healthy and Varied diet) Design a healthy wrap |
| 5 | Structures(Frame structures)European structures linked to Geography unit ‘Europe including Modern Greece’ | Mechanical systems(CAMs)Mechanical Cam Toy showing an ancient Greek myth- linked toHistory unit ‘Ancient Greece’ | Food(celebrating culture and seasonality)African recipes linked to Geography unit ‘Africa |
| 6 | Textiles(Combining different fabrics and shapes)Hats | Mechanical systems(pulleys or gears)Fairground ride- carousels | Electrical systems(more complex circuits and switches) |