Design & Technology Curriculum Overview

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| **Year Group** | **Unit 1** | **Unit 2** | **Unit 3** |
| Reception | Diwa lamps Straw people/skeletons  Christmas 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 to  History 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) |