

PYE BANK DESIGN AND TECHNOLOGY CURRICULUM OVERVIEW



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| Structures | Food | Mechanisms | Textiles | Electrical Systems |
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| | Autumn Term 2 | Spring Term 2 | Summer Term 2 |
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| FS2 | Textiles Links with science (FS.1: Can I describe different materials?) | Food Preparing vegetables | Structures Links to geography: Junk modelling |
| Year 1 | Mechanisms Levers and sliders <i>Links to English Unit: Goldilocks</i> | Structures Freestanding structures <i>Links to Geography Unit 1.2</i> | Food Preparing fruit <i>Links to previous Science Unit 1.2</i> |
| Year 2 | Mechanisms Wheels and axles <i>Links to Science Unit: 2.1 and 2.7</i> | Textiles Templates and joining techniques <i>Links to Geography Unit 2.2 What is it like in Africa?</i> | Food Preparing fruit and vegetables <i>Links to previous Science Unit 2.4</i> <i>Links to English Topic 'The Disgusting Sandwich'.</i> |
| Year 3 | Food Healthy and varied Diet: <i>Different types of bread.</i> | Mechanisms Levers and linkages <i>Links to Science Unit 3.7</i> | Textiles 2D shape to 3D shape project. |
| Year 4 | Electrical Systems Simple circuits and switches <i>Links to Science Unit 4.8</i> | Food Healthy eating and varied diet: <i>Healthy Pizza</i> | Structures Shell structures using computer aided design (CAD) <i>Links: Packaging for Summer Fair Product</i> |
| Year 5 | Food Seasonal Biscuits | Mechanisms Pulleys and Gears <i>Links to Science: Unit 5.6</i> | Electrical Systems Monitoring and Controlling <i>Links to Computing: Unit 5.2a</i> |
| Year 6 | Structures Frame Structures | Textiles Combining different fabric shapes | Food Fruit Muffins or Scones |