

Brookhurst Design and Technology Long Term Overview

Year group	Project 1	Project 2
Year 1	Structures (Free standing structures) – DATA Project: ‘Whose Home’	Food (Preparing Food Items) – DATA Project: ‘Fantastic Fruit’
Year 2	Mechanisms (wheels and axles) – DATA Project: ‘Wheels - working with wheels and axles’	Textiles (2d shape to 3d product) -DATA Project – ‘Bendy Bags’
Year 3	Mechanical systems (Levers and Linkages) – DATA project: ‘Moving history book - levers and linkages’	Mechanical systems (pneumatic systems) – DATA Project: ‘Make a Mascot’
Year4	Structure (shell structures including CAD) – DATA Project: ‘Packaging’	Electrical systems (simple circuits and switches) – DATA Project: ‘Torches, Lamps and Lanterns’
Year 5	Mechanical systems (pulleys, gears) – DATA Project: Gears and Pulleys	Textiles (Combining Fabrics) – DATA Project: ‘Fancy A Bag?’
Year 6	Electrical systems (programming, control) – DATA Project: ‘Alarming vehicles’	Food (culture and seasonality) – DATA Project: ‘Soups - Celebrating culture and seasonality’