



Design Technology at Beechwood Primary School

By the end of studying DT at Beechwood Primary School, children will be able to talk about the following themes which they cover through the Kapow Primary Scheme of work:

- **Cooking and nutrition** (Where food comes from, balanced diet, preparation and cooking skills. Kitchen hygiene and safety. Following recipes)
- **Mechanisms/Mechanical systems** (Mimic natural movements using mechanisms such as cams, followers, levers and sliders.)
- **Structures** (Material functional and aesthetic properties, strength and stability, stiffen and reinforce structures)
- **Textiles** (Fastening, sewing, decorative and functional fabric techniques including cross stitch, blanket stitch and appliqué.)
- **Electrical Systems** (Operational series circuits, circuit components, circuit diagrams and symbols, combined to create various electrical products.)
- **Digital World** (Program products to monitor and control, develop designs and virtual models using 2D and 3D CAD software.)

Key Themes	Year Group Covered						
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Cooking and nutrition							
Mechanisms/mechanical systems							
Structures							
Textiles							
Electrical systems							
Digital world							