KS1:
During KS1, pupils will be introduced to the DT curriculum, where they will experience a hands-on approach to designing, making and evaluating products. Children will develop the fundamental skills to assist their journey throughout the school.

During the Autumn term, pupils will be introduced to the 'Eat Well Plate'. Pupils will develop a deeper understanding of a healthy and balanced diet. Pupils will also begin to understand where food comes from and overcome the misconception that food is from the supermarket.

This will be the first-time children will be introduced to a mechanism involving a cam. Children will explore and use their knowledge of movement taught in Year 1, where children would have looked at how an axle and wheel are used to make something move.

Year group	Autumn	Spring	Summer
Year 1	Healthy sandwich	Hand/finger puppet	Aircraft
Year 2	Energy Bar	Beach Hut	African Tie Dye t-shirt
Year 3	Chunky Vegetable Soup/stew	Egyptian Sarcophagus	Chinese coin purse
Year 4	Seasonal Christmas Stocking	London Landmark Automation	Pizza
Year 5	Cushion	Motorised Buggy	Mayan Chocolates Truffles
Year 6	Anderson Shelters	Caribbean Curry	

Pupils will apply their knowledge and understanding to build a frame for purpose. They will use prior knowledge to know how to strengthen and stiffen structures. Children will use Micro:bits (computing programme) to recreate a war siren.

Pupils will apply their understanding of joining materials taught in Year 1 and will be introduced to sewing using a forward stitch to join. Pupils will also be taught how to use sewing techniques to attach design features.

KS2:
During KS2, children will create protypes and analyse designs making changes where needed. Children will have opportunities to use electrical systems and computing programs to support their designs.