



Farmilo Primary Subject End Points by Year Group



Subject: Design and technology

<u>EYFS</u>	The children can safely use and explore a variety of materials, tools and techniques, experiment with colour, design, texture form and function. The children can share their creations, explaining the processes they have used.
<u>End of KS1</u>	The children can use a simple running stitch The children can design, make and evaluate a structure. The children understand how wheels, axles and chassis work. The children design and then make a vehicle The children can design and make a healthy salad sandwich. The children can design and make a casserole using food preparation skills (chopping, slicing, mashing, peeling). The children can build a wooden structure (a beach hut), by strengthening and joining wood. Designing and making a bag tag using a running stitch and adding embellishments The children can design and make a greeting card with moving parts.
<u>End of KS2</u>	The children can make a taco filling, building on food preparation techniques (chopping, slicing, mashing, peeling) from KS1. The children can design, make (using a cam) and evaluate a child's automaton toy. The children can create a greenhouse structure using a variety of tools and techniques. Strengthening structures, using a glue gun and sheet materials to make greenhouse - wooden frames - safety. The children design and make a healthy snack with packaging design. Taste test 'healthy snacks'. Create a healthy breakfast snack – fruit kebab. The children learn techniques for decorating fabric, including block printing, hemming and embroidery and use them to design and make a fabric sample. The children look at stitching a hem – in the style of William Morris.

	The children design and make a shaduf structure- including a lever or pulley mechanism so the structure can move.
<u>End of Y5</u>	The children can design a building with specific features using CAD - TinkerCad. The children can design a building with specific features using CAD. The children can design and make a soup using seasonal vegetables. The children can design, make and evaluate a pneumatic machine that performs a useful function.
<u>End of Y6</u>	The children can design and make pasta along with their own tomato-based sauce by: peeling, chopping and dicing an onion, mashing, boiling pasta, simmering a sauce, health and safety aspects, measuring, weighing. The children can design and make a bridge prototype by investigating bridge designs. The children can repair and recycle clothing by using a wide range of techniques including: running stitch, whip stitch, blanket stitch, repairing clothes.