

Thorney Island Community Primary School - Long Term Planning - Design and Technology - 2025 - 2026

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Owl Class	Understanding golden rules in the kitchen	Food and Texture		Sheet Materials	Textiles	Constructing Boats
Osprey Class		Sheet materials Use sheet materials to fold, tear, cut paper, join edges and use a ruler. <i>Make a toy for the Gruffalo's child.</i>	Construction Develop, plan and communicate ideas to make a structure and evaluate. <i>Big Top.</i>	Food Understand where food comes from and use knives sensibly. <i>Cooking different food dishes each week.</i>		Textiles Decorate fabrics with buttons, beads, sequins, braids, ribbons. <i>Make and decorate beach bags</i>
Falcon Class	Food Baking bread, for King Charles the 2 nd Measure, cut, peel, grate and chop a variety of ingredients. Describe how closely their finished products meet their design criteria.	Sheet materials Curl paper, use a hole punch and insert paper fasteners for card linkages, create hinges (Christmas crafts)		Construction Attaching wheels and axels to a chassis. Use a range of materials to create models with wheels. Plan and communicate ideas using pictures or words (verbal or written)	Textiles Creating flag bunting for the king. Planning and designing a product. Cutting out shapes which have been created by drawing round a template onto the fabric. Joining fabrics.	
Kestrel Class	Food Healthy/balanced pizza Measuring and weighing	Sheet Materials Levers, linkages and pop-ups	Construction Junk model robot Pneumatics	Textiles Over-sewing, running stitch and back stitch	Construction Using a saw Wide base/stability	
Merlin Class		Textiles Soft Toys	Construction Make a wooden frame		Sheet Materials Creating Nets	Food Cooking Seasonal Dishes
Hawk Class		Sheet materials To cut internal shapes		Food Describe how a product has been cooked or chilled to change the raw ingredient.	Textiles River scenes To decorate textiles appropriately often before joining components carefully. To choose the correct stitch and use a range of different stitches.	Construction To build a framework using a range of materials e.g. to support a mechanism.

Eagle Class	<p>Food</p> <p>Cook savoury dishes for a healthy diet.</p> <p>Were the Romans healthy?</p> <p>Understand seasonality and know how and where a variety of ingredients are grown.</p> <p>(Science & History link)</p>	<p>Construction & Technical Knowledge</p> <p>Use mechanical and electrical systems in own products.</p> <p>To make a structure with an axle that is driven by a motor.</p>	<p>Construction</p> <p>Develop, plan, justify, communicate and evaluate ideas using design criteria within the context of creating shelters.</p>		<p>Textiles</p> <p>Select from and use a wider range of textiles based on their functional qualities within the context of creating sock monkeys.</p>	
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