

Long Term Plan for Design and Technology 2023-2024

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Owl	Understanding golden rules in the kitchen	Food and Texture		Sheet Materials	Textiles	Constructing Boats
Osprey		Use sheet materials to fold, tear, cut paper, join edges and use a ruler.	Develop, plan and communicate ideas to make a structure and evaluate.	Food/Cooking - Understand where food comes from and use knives sensibly.		Textiles - Decorate fabrics with buttons, beads, sequins, braids, ribbons.
Falcon	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 (creating a camouflaged soldier scene).		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	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 & Raven		Textiles: Soft Toys	Construction: Make a framework using wood		Sheet Materials: Creating Nets	Food: Cooking Seasonal Dishes
Hawk	Textiles- Anglo Saxon money containers To decorate textiles appropriately often before joining components carefully.	Sheet materials- To cut internal shapes		Food - Describe how a product has been cooked or chilled to change the raw ingredient.		Construction- To build a framework using a range of materials eg to support a mechanism. Sheet materials- To join and combine materials with temporary, fixed or moving joints
Eagle		Construction Create structures with an axle driven by a motor using electrical systems	Construction Develop, plan, justify, communicate and evaluate ideas using design criteria Textiles Sock monkeys using a range of techniques			Food Healthy diet Seasonality