

2026/2027 Design / Technology Scheme of Work

Year Group	Autumn Term	Spring Term	Summer Term
Foundation Stage – N/R	The Nursery and Reception classes will be covering cycle 1 of the EYFS Outcomes for Expressive Arts and Design: D&T.		
Nursery	<u>Cookery/Healthy Eating:</u> Fruit Salad Main Skill: Choosing healthy options <u>Structures:</u> joining skills Main Skills: Using fine motor skills to construct and join parts.	<u>Structures:</u> Change it' Main Skill: Cooperation, joining Creating a type of transport out of large scale reclaimed materials.	<u>Textiles:</u> Red Riding/ wolf small wooden spoon puppet Main Skill: Gluing, cutting, joining Creating small wooden spoon puppets linked to literacy.
Reception	<u>Cookery/Healthy Eating:</u> Fruit Kebabs/Bread Rolls/Healthy Pizza Main Skills: Chopping, cutting, threading <u>Textiles: Spoon Puppet</u> Planning and creating large Wooden spoon puppets Main Skills: planning, designing, making, evaluating sticking and finishing techniques	<u>Structures: Trains</u> Planning and creating Trains out reclaimed materials using imagination to make with a purpose constructing with purpose. Main Skills: Planning, designing, making, evaluating sticking and finishing techniques	<u>Mechanisms: Pop-up</u> Planning an animal pop-up (cup) in its habitats using construction kits. Choosing resources with purpose. Main Skills: Planning, designing, making, evaluating sticking and finishing techniques
One	<u>Textiles:</u> Christmas bunting decoration <u>Main Skill:</u> Introduction to sewing using running stitch on	<u>Structures:</u> Houses <u>Main Skill:</u> joining <u>Skills:</u> building and forming 3D models, evaluating	<u>Mechanisms:</u> Moving Pictures <u>Main Skills:</u> Creating sliders and leavers

	binca. <u>Skills:</u> planning, designing, making, evaluating sticking and finishing techniques <u>Cross-curricular links:</u> Maths - Measuring	<u>Cross-curricular links:</u> Geography – comparing different places and types of structures. Science- Comparing different materials that houses are made from.(Link to Literacy – The Three Little Pigs)	<u>Skills:</u> researching, Cutting, joining, evaluating <u>Cookery: Carrot Cakes</u> <u>Main Skill:</u> Grating <u>Skills :</u>measuring, mixing. <u>Cross-curricular links:</u> Science – Plants as food
Two	<u>Mechanisms:</u> Vehicles <u>Main Skills:</u> Assembling wheels and axles to allow movement. <u>Skills:</u> evaluating and comparing products, finishing techniques, handling tools safely. <u>Cross-Curricular links:</u> History – Inventor of the car ‘Karl Benz’	<u>Cookery/Healthy Eating :</u> <u>Fruity Rock Cake</u> <u>Main Skills :</u> Chopping, grating, slicing, washing, squeezing. peeling, <u>Skills :</u> evaluating, to understand basic food hygiene and handling. Understaning how to handle and use a knife appropriatly and safely. <u>Cross-Curricular links:</u> Science- growth of plants and healthy eating – (links to growing area in KS1 playground)	<u>Textiles:</u> Puppets <u>Main Skills:</u> Sewing to join materials using running stitch on felt. <u>Skills:</u> researching, planning, designing, making, evaluating, cutting, sticking and finishing techniques <u>Cross-Curricular links:</u> Literacy- Writing instructions to make a finger puppet.
Three	<u>Cookery:</u> Healthy pizza <u>Main Skill:</u> Kneading, Mixing, measuring. Planning the healthy eating toppings for the pizza. Exploring reasons for	<u>Mechanisms:</u> Story pop-up book -- levers <u>Main Skills:</u> Planning and creating a variety of pop up mechanisms for each page of their book	<u>Structures:</u> – Photograph frames <u>Main Skill:</u> Sawing and measuring independently. <u>Skills:</u> Planning, designing, joining

	following a recipe (What happens if we add too much or not enough of a certain ingredient) <u>Skills:</u> chopping, slicing, grating. Where does food come from and hygiene) <u>Cross-Curricular links:</u> Science – healthy eating Maths – Measuring ingredients (Horticulture in Europe)	<u>Skills:</u> Planning, Cutting, joining, finishing techniques, evaluating <u>Cross-Curricular links:</u> History – Ancient Greece Myths and Legends, going on a quest.	<u>Cross-Curricular links:</u> Science - light and shadows – day light photography
Four	<u>Electrical/Electronics:</u> Winter themed light <u>Main Skill:</u> To make a working circuit. <u>Skills:</u> To plan and design a working winter themed light. <u>Cross-Curricular links:</u> Science - electricity	<u>Structures:</u> Catapults <u>Main Skills:</u> To work in a design team to create a working mangonel catapult. To understand the forces involved to create a working catapult. <u>Skills:</u> measuring, cutting and sawing, joining wood and strengthening. <u>Cross-Curricular links:</u> History – Romans Science – Forces	<u>Textiles:</u> Money pouch/bag <u>Main Skill:</u> To join to pieces of material using running and back stitch. To sew a seam. <u>Skills:</u> Planning, designing, evaluating, cutting. <u>Cross-Curricular links:</u> Geography – contrasting places: Tanzania.
Five	<u>Textiles:</u> Braiding lucet braids. <u>Main Skill:</u> Use of ancient techniques and equipment. <u>Skills:</u> Researching, planning, designing, evaluating, cutting,	<u>Mechanisms:</u> Moving Toys <u>Main Skill:</u> Making a cam mechanism. <u>Skills:</u> Planning, designing, evaluating, cutting joining and strengthening,	<u>Cookery:</u> Making tortillas <u>Main Skill:</u> To make authentic tortillas and salsa <u>Skills:</u> measuring, kneading, cooking, hygiene, tool safety <u>Cross-Curricular links:</u>

	knotting. <u>Cross-Curricular links:</u> History – Vikings, Anglo Saxon	using gears and cams. <u>Cross-Curricular links:</u> Science – forces, pushing and pulling. History – Toys through history	Geography - Mexico History - Mayans Ancient civilisation. (Horticulture in the wider world)
Six	<u>Technology/Engineering</u> What is a design engineer? Using the Design Process Box provided by the James Dyson Foundation. Applying design criteria to form the design of a functional product and developing, modelling and communicating ideas through prototyping and discussion.	<u>Textiles:</u> Funky Furnishings <u>Main Skill:</u> To design, make and evaluate a cushion cover. It includes: investigating, researching joining fabrics, cutting, sewing, knotting, creating fastenings and using finishing techniques to make it aesthetically pleasing. <u>Cross-Curricular links:</u> Maths - Measuring	<u>Structures:</u> building structures <u>Main Skill:</u> To work in a design team to create a landmark/building replica out of paper Skills: Stability, strengthening, measuring and joining. <u>Cross-Curricular links:</u> Art: (Spring Term) Architect Study – Antonio Gaudi