

Western Community Primary School DT Progression Map



Year 1	Autumn 2	Spring 2	Summer 2
DT Focus	Food Preparing Soft Fruit - Fruit Salad Select from and use a range of tools and equipment from and use a range of tools and equipment to perform tasks. (eg. Spoon, knife, ladle etc.) Measure and weigh using measuring cups Begin to discuss where different foods come from. Visit 'Farnsworth Fruit and Veg' in Wallsend's Forum POAP- Preparing Fruits and Vegetables	Textiles Sun Hat for Barnaby - Creating seams using glue, pins, or stapling. Select from and use a wide range of materials according to their properties (eg. Soft, waterproof etc.) Colour and decorate textiles using a number of techniques (eg. dyeing, adding sequins or printing). POAP- Templates and Joining Technique	Workshop - Structures Garden Party Project - Creating a stable structure Build structures, exploring how they can be made stronger, stiffer and more stable. Plan and develop ideas through drawing and talking. POAP- Freestanding structures
Key Vocabulary	fruit and vegetable names, names of	Names of materials, e.g. fabric, cloth,	Names of materials, e.g. paper, card,

	equipment and utensils. Sensory vocabulary, e.g. soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard, flesh, skin, seed, pip, core slicing, peeling, squeezing, cutting, healthy diet, choosing ingredients, planning, investigating, tasting, arranging, popular, design, evaluate, criteria	silk, satin, etc. Properties of materials, e.g. soft, waterproof, shiny, rough, smooth, dull	wood, etc. design, make, evaluate, user, purpose, ideas, design criteria, product, function
Unit Outcome	Preparing Soft Fruit - Fruit Salad	Sun Hat for Barnaby - Creating seams using glue, pins, or stapling.	Garden Party Project - Creating a stable structure
Year 2	Autumn 2	Spring 2	Summer 2
DT Focus	Workshop- Mechanisms Creating a moving picture book Explore and use mechanisms and products with moving parts. Consider levers, sliders and slot movements and develop a design for a poster/greeting card POAP-Sliders and Levers	Food Preparing Fruit and Vegetables- Packed Lunch Use the basic principles of a healthy and varied diet to prepare dishes. Measure and weigh using electronic scales. Understand where food comes from Experiment with different cutting techniques. POAP- Preparing Fruits and Vegetables	Textiles Puppets - Creating seams though sewing. Design, plan and create a product based on a given criteria. Plan and develop ideas through drawing, talking, templates and mock-ups. Templates and joining using a running stitch.

			POAP- Templates and Joining Techniques
Key Vocabulary	slider, lever, pivot, slot, bridge/guide card, masking ta[e, paper fastener, join pull, push, up, down, straight, curve, forwards, backwards design, make, evaluate, user, purpose, ideas, design criteria, product, function	fruit and vegetable names, names of equipment and utensils. Sensory vocabulary, e.g. soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard, flesh, skin, seed, pip, core slicing, peeling, squeezing, cutting, healthy diet, choosing ingredients, planning, investigating, tasting, arranging, popular, design, evaluate, criteria	fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance
Unit Outcome	Creating a moving picture book	Preparing Fruit and Vegetables- Packed Lunch	Puppets - Creating seams though sewing.
Year 3	Autumn 2	Spring 2	Summer 2
DT Focus	Textiles Understand the need for a seam allowance. Join textiles with appropriate stitching. Select the most appropriate techniques to decorate textiles for aesthetic needs.	Structures Desk Tidy Unit Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately Plan and develop ideas through discussion and annotated sketches.	Food- Dips and Dippers Prepare and cook a variety of predominantly savoury dishes using equipment safely. Progressing from using knife skills on large pieces of vegetables to finely chopping.

Key Vocabulary	fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance	frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent, design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional	fruit and vegetable names, names of equipment and utensils texture, taste, sweet, sour, spicy, hot, appearance, smell, preference, greasy, moist, cook, fresh, savoury
Unit Outcome	Purse/wallet	Desk Tidy Unit	Create a dips and dippers platter
Year 4	Autumn 2	Spring 2	Summer 1
DT Focus	Food Super Salads Unit To investigate where foods originated from before coming into our food stalls and supermarkets. Understand the principles of a healthy diet. Prepare ingredients hygienically using appropriate utensils. POAP- Healthy and Varied Diet Could visit supermarket	Textiles Purses Unit Join textiles with appropriate stitching. Select the most appropriate techniques to decorate textiles. Understanding the importance of a hem and how to create a fastening. POAP - 2D shape to 3D Product As this is a new unit of work. Children have little prior knowledge of seams and sewing. They should begin with a running stitch and practise joining materials.	Workshop- Mechanisms Creating a story/information book Explore and investigate the four different types of movement using levers and linkages and how to use these appropriately. Use the key components in constructing a lever and linkage mechanism. POAP- Levers and Linkages

	Link to Jamie Oliver- Healthy schools		
Key Vocabulary	fruit and vegetable names, names of equipment and utensils texture, taste, sweet, sour, spicy, hot, appearance, smell, preference, greasy, moist, cook, fresh, savoury	fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance	structure, strengthen, reinforce, stability, shape, join, temporary, permanent, design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional
Unit Outcome	Super Salads Unit	Apron with a fastening	Creating a story/information book with levers
Year 5	Autumn 2	Spring 2	Summer 2
DT Focus	Workshop - Structures Bird House Unit Formulate a clear plan with a step by step list. Apply their understanding of how to strengthen, stiffen and reinforce more complex structures. POAP- Frame Structures Look at John Dobson for a North	Food Soups Unit Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques as independently as	Textiles Make a Cushion Make a product using stitching styles already practised. Consider design of product using applique and cross stitch. POAP- Combining different fabric shapes

	East Architect and Norman Foster for a Modern Architect	possibleUnderstand and apply the principles of a healthy and varied diet. Describe what to do to be hygienic and safe. Measure accurately and calculate ratios of ingredients to scale up or down from a recipe. POAP- Celebrating Culture and Seasonality	As this is a new unit of work. Children have little prior knowledge of seams and sewing. They should begin with a running stitch and practise joining materials.
Key Vocabulary	frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent, design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional	fruit and vegetable names, names of equipment and utensils texture, taste, sweet, sour, spicy, hot, appearance, smell, preference, greasy, moist, cook, fresh, savoury	fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance
Unit Outcome	Bird House Unit	Soups Unit	Make a Cushion
Year 6	Autumn 1	Spring 2	Summer 1
DT Focus	Textiles Children decide on their own project Join textiles with a combination of stitching techniques (such as back stitch for	Food Fair Trade Unit Prepare and cook and refine recipes for a variety of predominantly savoury dishes using a	Workshop - Mechanisms Children decide on their own project Apply their understanding of how to strengthen, stiffen and reinforce more complex structures

	seams and running stitch to attach decoration and zip.) Applique technique used to attach design. POAP- CAD in Textiles Possible visit to 'Simply Fabrics' on Wallsend Highstreet for fabric observations and prices.	range of cooking techniques following a given recipe. Understand the importance of 'fairtrade' and ethical impacts for where food comes from. Understand the importance of correct storage and handling of ingredients (using knowledge of microorganisms). Measure accurately and calculate ratios of ingredients to scale up or down from a recipe.	Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] Plan and develop ideas through discussion, annotated sketches, exploded diagrams and pattern types. POAP - Cams
Key Vocabulary	fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance	Fairtrade vocabulary, e.g. fair, trade, sellers, produce, equal Fruit and vegetable names, names of equipment and utensils texture, taste, sweet, sour, spicy, hot, appearance, smell, preference, greasy, moist, cook, fresh, savoury	frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent, design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional
Unit Outcome	To have created a product that is joined with a combination of stitching	A food outcome using Fairtrade ingredients	An outcome involving a cam mechanism