

PEMBRIDGE CE PRIMARY SCHOOL LEARNING JOURNEY ITINERARY

Pembridge is a school where we encourage everyone to be inspired through faith in God and to live by Christian values so that our teaching and learning is of the highest quality, our whole community flourishes and we reflect all that is worthy of praise.

SUBJECT: D&T

YEAR GROUPS: KS1

PREVIOUS KNOWLEDGE We would expect most children to already be able to:

- Use a range of small tools, including scissors, paintbrushes and cutlery
- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
- Share their creations, explaining the process they have used.

End of Key Stage Objectives

Developing, planning and communicating ideas.

Working with tools, equipment, materials and components to make quality products.

Evaluating processes and products.

- Think of ideas of their own.
- Explain what they want to do.
- Use pictures and words to plan.
- Choose the best tools and materials and explain why they have been chosen.
- Describe their design using pictures, diagrams, models and words.

- Explain what they are making.
- Explain what tools they are using and why.
- Join things together in different ways.

- Describe how something works.
- Explain what worked well and what they would change if they did it again.
- Suggest improvements to existing designs and products.
- Explain likes and dislikes about designs and products.

Knowledge and Skills

Cooking & Nutrition

- Cut, peel and grate ingredients safely.
- Follow safe practice such as washing hands and surfaces.
- Describe the texture of foods and describe ingredients.
- Measure or weigh using measuring cups or scales.
- Assemble different foods.
- Decorate food using their own designs.

Textiles

- Describe how different textiles feel.
- Shape textiles using templates.
- Decorate textiles using different techniques.
- Join textiles using glue and running stitch.
- Cut textiles accurately.
- Explain why they have chosen a textile.

Mechanisms

- Make a product that moves with wheels or levers.
- Create a product using a winding mechanism.
- Join materials together as part of a moving product.
- Explain why they have chosen to use different materials and techniques to create different parts.
- Add a design to their product.

Use of Materials

- Measure and mark out materials to the nearest cm.
- Strengthen materials through a range of joining techniques such as hinging or gluing.
- Demonstrate a range of cutting and shaping techniques such as tearing, cutting, folding or curling.

Construction

- Make simple plans (drawings, diagrams and placing of objects) about what they would like to build.
- Explain their choices of materials and tools.
- Use materials to practise drilling, screwing, gluing and nails to strengthen and attach parts.
- Make adjustments to designs in order to improve.

ASSESSMENT OPPORTUNITIES Children will be able to demonstrate their learning through:

Year	COOKING	TEXTILES	CONSTRUCTION
A	How do I make a local delicacy?	How do I make a puppet for a friend?	How do the wheels go round and round?
B	What skills do I need to prepare a sandwich?	Can I make my Christmas card pop up?	How do I make a drawbridge open and close?

ENRICHMENT OPPORTUNITIES

We will endeavour to include:

- Preparing and making different foods.
- Tasting sessions to explore different foods.
- Growing food in gardening sessions
- Visiting the Leen Farm
- Making their own toy
- Making puppets.
- Puppet show
- Creating a stitched bookmark in art.

SUBJECT-SPECIFIC VOCABULARY

We will expect children to use these words and phrases:

Investigate, design, evaluate, make, user, purpose, ideas, cut, fold, join, structure, cook, prepare, hygiene, safety, healthy, peel, cut, grate, weigh, measure, ingredients, flavour, lever, wheel, cut, sew, stitch, decorate, material, glue, attach, strengthen

CROSS-CURRICULAR LINKS

This itinerary fits with our other learning through:

- PSHE – Healthy Eating
- English – Non-fiction writing such as: instructions, explanations and recounts.
- Maths – Measurement.
- History – toys/vehicles in the past

LEARNING BEHAVIOURS Children will be expected to:

Tries new things	Explore different textiles and different ways that they can be joined.
Works hard	Design products based on research.
Concentrates	Focus on work to complete tasks.
Self-motivates	Use research and own ideas to create products.
Imagines	Consider different flavours and nutrition when creating a recipe and current designs to create a final product.
Improves	Make changes to original plans in order to produce a popular product.
Understands others	Listen to others in order to produce a well-liked product.
Doesn't give up	Change designs when given feedback.