

Year 3 Design Technology - Curriculum Overview

Key facts

Children will learn to -

Identify how everyday free-standing objects have been made stable.

Identify the different components of a photograph frame.

Compare photograph frames and talk about their features.

Explain ways of making strong and stable structures.

Explain different techniques for strengthening and joining paper.

Experiment with different strengthening and joining techniques.

Prior Knowledge

Children have previously learnt the importance of stable structures and the importance of these in a product.

Autumn 1 - Photo frames

Key Vocabulary

Cut, materials, measures, cutting, shaping, techniques, evaluate, design, software

Brief summary/ overview

Children will learn to develop their skills needed to make high quality products. Children will take their inspiration from design throughout history and begin to appreciate the design process that has influenced the products we use in everyday life.

Resources

Examples of photo frames, joining materials, cutting materials, measuring materials.

Cross curricular links/visits

Art – using photo frames to display their work

Maths – measuring accurately

Year 3 - D&T - Curriculum Overview

Key facts

Children will learn to -

Children will learn why certain British foods are seasonal, and consider some pros and cons of foods from other parts of the world being available all year round. They may then either cook, or learn more about the process of wheat production.

Children will also learn about the nutritional value of meat, eggs and dairy products, as well as discover why some meats are seasonal and some are available all year round. They may then either cook, or try tasting and describing a range of vegetarian foods.

Summer - Seasonal foods

Brief summary/ overview

Children will learn to cook meals using a variety of foods. Children will gain an understanding as to why some foods are more readily available during specific months of the year.

Children will also explore that some foods come from animals, plants and trees.

Prior Knowledge

Key Vocabulary

Cut, measure, mark, accurately, millimetre, joining, evaluate, dissemble

Resources

Wheels, axels, rulers, scissors

Cross curricular links/visits

Roman Chariots - Romans in Britain

Year 3 - D&T - Curriculum Overview

Key facts

Children will learn to -

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Children will also learn about the nutritional value of meat, eggs and dairy products, as well as discover why some meats are seasonal and some are available all year round. They may then either cook, or try tasting and describing a range of vegetarian foods.

Prior Knowledge

Summer - Seasonal foods

Key Vocabulary

Nutrients, Britain, caught, reared, processed, healthy, savoury, vegetarian

Brief summary/ overview

Children will learn to cook meals using a variety of foods. Children will gain an understanding as to why some foods are more readily available during specific months of the year.

Children will also explore that some foods come from animals, plants and trees.

Resources

A range of seasonal foods

Cross curricular links/visits

Links to human bodies in Science