

Science

This term the children will be learning about light and plants. The children will learn about the different parts of a plant and their function, explore what plants need to grow as well as looking at water transportation. The children will also learn about the life cycle of a plant. When learning about light the children will notice when light is reflected from a surface, know that it is dangerous to look directly at the sun and know how shadows form.

Geography/History

This term we will be focusing on Hereford, looking at its history and geographical location. We will be looking at both physical and human characteristics as well as using maps to recognise these features. We will carry out fieldwork in our local area too. We will also be looking at changes over time in regard to land uses.

Music

Pentatonic melodies and composition (Theme Chinese New Year) Revising key musical terminology, playing and creating pentatonic melodies, composing a piece of music using layered melodies.

Haiku, music and performance (Theme: Hanami festival)

This Japanese inspired topic looks at the springtime festival of Hanami, which celebrates the fleeting beauty of spring flowers.

Dolphin Class Cycle c Spring Term

All About Me

Computing

Children will be introduced to the concept of networks, learning how devices communicate. From identifying components, the children will learn how information is shared and deepen their understanding by exploring examples of real-world networks. Children will also build on their prior knowledge of the 'ScratchJr' application and progress to using the more advanced computer-based application called 'Scratch'. Children will be learning to use repetition or 'loops' and building upon skills to program; an animation, a story and a game.

Religious Education

- How do festivals and worship show what matters to a Muslim?
- Why is the Torah so important to Jewish people?

Art and Design

Pupils will learn how artists work. They will become little inventors when designing a packaging collage.

Draw using perspective, mathematical processes, design, detail and line.

Control brush strokes and apply tints and shades when painting.

Develop ideas through sketches, enhance knowledge, skill and technique using experimental media in sketchbooks.

Express thoughts and feelings about familiar products. Design new architectural forms, design and invent new products. Create and invent for purposes.

Regularly analysing and reflecting on their intentions and choices.

Physical Education

This term the children will be focusing on Dance and Basketball. In Dance, the children will learn to perform different styles of dance fluently and clearly. They will refine and improve dances adapting them to include the use of space, rhythm and expression. The children will also perform at Moving Targets at the Courtyard in Hereford. In Basketball, the children will perform basic basketball skills, throwing, catching and dribbling. They will develop their knowledge of attacking/offensive play. Children will also learn the basic rules of basketball.

Design Technology

Structures

Playgrounds

- Design a playground with at least five apparatus using three different structures.
- Build play apparatus structures using the techniques demonstrated as well as prior knowledge of structures, understanding they can be strengthened by manipulating materials and shapes.
- Test and adapt a design to improve it, identifying what makes a successful structure and use a range of materials to reinforce and add decoration to the structures.
- Attach the structures to a base, reinforcing the join where necessary. Give consideration to the surrounding environment of the playground, creating landscape features using a range of materials.

Cooking and nutrition Come dine with me

- Design a three course meal, researching a recipe by ingredient, listing the required ingredients and equipment and reading the method.
- Safely prepare a meal following a recipe, describing the process of 'Farm to Fork' for a given ingredient and contributing a recipe to a class cookbook using imperative verbs, adjectives and illustrations.

P.S.H.E

- Dreams and Goals Year 4
- Healthy Me Year 4

MFL

- Simple adjectives to describe people
- Simple conversations about the family asking questions
- Easter