

Y5 Topic Overview Term 1

English Initially, this half term we will be recapping sentence structure and using pictures as inspiration. We will then move on to creating our own narrative, using the book 'The Little Wooden Robot and the Log Princess' as inspiration. In reading, we will continue to develop our comprehension skills whilst reading the book 'Nowhere Emporium'.	Maths In maths this term, we will be deepening our understanding of place value looking at numbers up to the value of 1 million. We will also be developing our addition, subtraction, multiplication and division skills with a particular focus on reasoning problems with more than one step.	Science Separating mixtures by exploring different methods, including filtering, sieving and evaporation. Pupils investigate how substances dissolve, identify solutions and examine how temperature affects the rate of dissolving, applying their learning by designing water filters and separating soil mixtures.	DT Building on existing knowledge of circuits by introducing motors and exploring how they create movement in products. Pupils investigate wobble mechanisms before designing and developing a wobble bot tailored to a specific user's needs.
PSHE In PSHE this term, the children will focus on Me and My Relationships. They will learn about emotional needs and why they matter, before considering the qualities of a good friend. Pupils will also develop assertiveness skills, thinking about how to stand up for themselves and when to use them, while exploring negotiation, compromise and recognising healthy and unhealthy relationships.	RE In RE this term the pupils will be exploring the concept of worship and how Christians engage with it. They will explore where and how Christians worship God, including how different denominations structure and organise their churches. They will examine different objects and symbols and seek to understand their connection to Christian devotion.	Art In art this term we focus on clay sculpture. We begin with a sketchbook study of two artists: Grayson Perry and Magdalene Odundo, taking inspiration from these to plan the shape and theme of our own pieces, having practised additive and subtractive skills when working with clay.	Geography Investigating tourism in mountain environments by learning about the climate and features of the Alps, with a focus on Innsbruck. Pupils examine the human and physical features that attract visitors and apply their understanding by researching and mapping tourism in their local area.
French 'As-tu un animal? (Do you have a pet?). The children will be learning the names for different pets including the matching gender articles using the indefinite article for each one (a or an). The children will also use the conjunction et meaning and, with a view to listing more than one animal.	Computing Y5 will develop their understanding of computer systems and how information is transferred between systems and devices. They will consider small-scale systems as well as large-scale systems, explain the input, output, and process aspects of a variety of different real-world systems and discover how information is found on the World Wide Web, through learning how search engines work (including how they select and rank results) and what influences searching, and through comparing different search engines.	Music Drawing inspiration from the power of nature, pupils compose short melodies to reflect different moods of the sky. They experiment with pitch, dynamics and harmony, using simple chords to add depth and atmosphere to their performances.	PE Gymnastics Pupils develop balancing, rolling, jumping and inverted movements. They explore partner relationships such as canon and synchronisation and matching and mirroring. Netball Pupils develop their understanding of the attacking and defending principles of invasion games. They have to think about maintaining possession and moving the ball towards goal to score. Owls will be attending weekly swimming lessons.