

Milne Class – Spring 1

Far Away Places



English

This term, children will explore different countries and cultures through *A Ticket Around the World*. They will learn to ask and answer questions, notice similarities and differences between places, and understand new vocabulary in context. Children will share their ideas, explain their opinions with evidence from the text, and take part in discussions, role plays, and presentations. They will develop their writing by planning and creating stories, descriptive pieces, and travel guides, using clear structure, interesting language, and correct grammar. Through these activities, children will not only improve their reading, writing, and speaking skills but also gain a deeper understanding of the world around them.

Computing

This unit explores the concept of variables in programming through games in Scratch. First, learners find out what variables are and relate them to real-world examples of values that can be set and changed. Then they use variables to create a simulation of a scoreboard

DT

This term, students will be learning about the basics of the iterative design process and how to use freehand sketching efficiently and the skills associated with it. Students will use the skills they have learned to design their own beach hut, before learning how to use a hot glue gun to make their design using different types of materials. Students will begin to learn about the properties of different materials and how they fit into their own material families.

Theme - Music

During the spring term, Milne will be continuing their study of musical notation and theory including note identification, rhythm, dynamics and chords. They will also be learning a range of melodies in the common keys, and be introduced to their corresponding scales, and given the chance to improvise. Additionally, they will be continuing to explore composition, using the Orba for looping, and, with aid from the teacher, traditional notation.

History

This term, children will explore the key features of Ancient Egyptian civilisation. They will learn about the importance of the Nile River in daily life, farming, and trade, and understand how it shaped the development of settlements and society. Children will discover the beliefs and roles of major gods and goddesses and interpret hieroglyphics as an early form of writing. They will investigate the significance of pyramids and tombs in religious and cultural life, and study the achievements of notable pharaohs, including Ramses the Great. Children will develop historical knowledge, analytical skills, and the ability to

Science

This half-term, students will be learning about Sustainability, with a focus on Renewable Energy and Light. We will think about how energy is made, why renewable energy is essential for our planet, and how light helps us in everyday life. Students will also explore light pollution and how too much artificial light can affect people, animals, and the environment. To support our learners, lessons will include calm, structured demonstrations and practical activities. These will help students understand ideas through real-life examples, such as how shadows are formed, how reflective materials

PE

This term pupils will be working on gymnastics and badminton unit. In gymnastics Pupils will learn a wide range of travelling actions and include the use of pathways. They will perform actions such as inverted movements and explore ways to include apparatus in their routines. They will demonstrate control in their behaviour to create a safe environment for themselves and others to work in. Pupils will have the opportunity to work independently and in collaboration with a partner to create and develop sequences. Pupils are given opportunities to receive and provide feedback to make improvements on their

<p>explain how geography, religion, and leadership influenced Ancient Egyptian life.</p>	<p>help keep us safe, and how renewable energy (such as wind or solar power) can power simple devices. These activities aim to build curiosity, confidence, and a love of Science, helping students see that Science is all around us every day.</p> <p>We look forward to an exciting, hands-on half-term where students can explore, notice, and enjoy learning about the world in meaningful and accessible ways.</p>	<p>performances. In badminton, pupils will develop their knowledge of the rules and regulations of the game, they will also begin to develop their forehand and backhand grip, serve and return shots.</p>
<h2>Geography</h2> <p>This term pupils will gain a meaningful understanding of coastal environments and why they are so important. They explore coasts in the UK and around the world through maps, digital tools and real geographical sources, discovering what makes each coastline unique. As they learn about physical processes such as erosion, deposition and longshore drift, they begin to see how coastlines are constantly changing and how features like cliffs and beaches are formed. Pupils also develop an awareness of how climate change and rising sea levels are affecting both</p>	<h2>Art</h2> <h3><u>Art and Design:</u></h3> <p>In art we will experiment with 'Textures and Structures'. We will explore our tactile senses and make rubbings of a variety of surfaces in the art room. We will explore the textures and structures that we find on shoes and will create a large cardboard structure of a shoe. We will look at the 'textured paintings' of Vincent Van Gogh and will create artwork in a similar style.</p>	<h2><u>Relationships and Sex Education & PSHE</u></h2> <p>This term we will be Identifying goals for the year Global citizenship Children's universal rights Feeling welcome and valued Choices, consequences and rewards Group dynamics Democracy, having a voice Anti-social behaviour Role-modelling.</p>

coastal landscapes and the wildlife that depends on them.

Horticulture

As winter truly has nature in its grip, we shall look more closely at what is happening to the plants around us, the mechanisms they use to survive the dark, cold and wet weather.

Continuing with our theme of how plants reproduce or can be reproduced by us, we shall be looking at the wonders of heterozygosity and in particular the intriguing case of apple seeds! We shall continue to sow seeds and propagate existing plants from hardwood cuttings and explain how cloning works. Once we have understood how heterozygosity works, we will look at how we can overcome this diversity within certain plants by cloning and grafting new trees.

All groups will be helping to plant the next wave of plants in the sensory garden.

Work will also begin on the creation of a new garden for Arnold building pupils, with all classes helping to bring this project to fruition from design to planting.

Animal Care

As Winter really starts to take hold we will be ensuring our animals have everything they need to survive. We will be discussing how some animals hibernate, how nature survives the winter. We will look at the weather and what we all need to survive the elements and how those changes look and feel. We will spend more time in the classroom exercising, grooming and generally getting to know our smaller animals better. As always Animal Care we will be working on team work, sharing, being kind and having kind/safe hands. Personal qualities of being calm, professional, growing confidences and a work ethic are also themes that we plan to help with during our sessions. Transitions to and from animal care are an excellent opportunity to practice safe use of the roads and listening skills. We will continue to feed, water, muck out, entertain, groom and exercise our range of animals. We will continue looking at animal families, different animal group types and comparing them and their care needs.

Home Learning ideas

- Exploring their emotions, identifying how they feel and what strategies they can use to get into the green zone
- Art and craft activities
- Going shopping

Independence

Cooking
Shopping every week

Maths

Y2: Next term, we will be building the children's confidence in early multiplication and fractions. We will explore equal groups, arrays, grouping and sharing, and introduce the multiplication symbol. The children will also practise their 2, 5 and 10 times tables, as well as doubling, halving and identifying odd and even numbers.

In fractions, the children will learn about parts and wholes, recognise and find halves, quarters and thirds, and begin to understand simple equivalences. They will also practise counting in fractions.

We will continue to focus on improving fluency in times tables to strengthen their overall maths skills.

Y4: Next term, Year 4 will be building on their confidence with multiplication, division and fractions. We'll start by exploring factor pairs and how they can help children work out answers more efficiently. The class will also be practising how to multiply and divide by 10 and 100, and using these skills to spot useful number patterns. As we move on, the children will learn simple written methods to help them tackle bigger numbers, including multiplying and dividing 2- and 3-digit numbers. They will then use these skills to solve real-life style problems and begin choosing the most efficient method for the task.

In our fractions work, the children will get to know mixed numbers and improper fractions, learning how to read them, represent them and move between the two. They'll use number lines to compare and order fractions and explore equivalent fractions in a fun, visual way. Later in the term, the children will practise adding and subtracting fractions, including mixed numbers, and build confidence working with fractions as part of a whole.

Y5: Next term, we'll be helping the children grow their confidence with larger multiplication and division. We'll start by practising how to multiply up to 4-digit numbers by a single digit, then move on to multiplying bigger numbers including 2-digit, 3-digit and even 4-digit numbers by 2-digit numbers. The children will try out different methods, such as the area model, and learn how to choose the strategy that works best for them. They'll also apply these skills to practical problem-solving so they can see how maths is used in real-life situations.

In division, the children will be introduced to short division and will work on dividing larger numbers, including 4-digit numbers. They'll also learn what to do when there are remainders and how to decide which method is the quickest or most efficient. We'll continue encouraging the children to explain their thinking and grow more confident in solving problems independently.

During our fractions work, we'll be multiplying fractions and mixed numbers by whole numbers, and the children will practise finding a fraction of a quantity. They will also learn how to use the information they have to figure out the whole amount. Later in the unit, we'll start exploring how fractions can be used as operators an important step in helping them understand more complex fractions later on.