

Otter Class – Autumn Term

◆ Maths

TERM 1 - We will begin by securing place value and understanding of numbers, including reading, writing, ordering and comparing numbers up to 10 million. We will then develop efficient written and mental methods for addition and subtraction and apply these to multi-step problems.

TERM 2 - Our focus moves to multiplication and division, developing fluency with written methods, factors, multiples and problem solving. We will also begin our work on fractions, strengthening equivalence, comparison, and calculation skills.

✍ English

To link with our World War II history unit, we will explore *Anne Frank* by Josephine Poole and *Rose Blanche* by Ian McEwan, using these powerful texts as inspiration for diary writing and a newspaper report. We will also develop our descriptive writing through the visually rich world of *Avatar*, learning how to create vivid and atmospheric setting descriptions. Later in the term, we will study *The Whale* by Ethan and Vita Murrow and use this as a stimulus for writing a formal information text. Throughout these units, children will continue to develop their spelling, punctuation and grammar skills. For further details about the grammar taught in Years 5 and 6, please see our Writing Progression document.

● Science

Our science topic is *Chemistry: Properties and Changes of Materials*. Children will compare and group materials according to their properties, explore dissolving and solutions, investigate ways of separating mixtures, and consider reversible and irreversible changes. We will deepen our learning through practical investigations, learn how to plan fair tests, and create results tables. We will then draw conclusions from our evidence.

◆ History

Our history study is World War 2. We will develop chronological understanding and use a range of historical sources to investigate this significant period of British and world history. Children will consider causes, key events, experiences, and consequences, while learning to ask and answer historical questions.

✦ Geography

We will study Informal Settlements. Children will develop their understanding of human geography, using maps, geographical information and case studies to explore how and why settlements develop, what life can be like within them, and how places are connected and change over time.

▣ Computing

TERM 1 - In Internet Communication, children will explore how computer systems and networks communicate, including how information is shared across the internet. We will also reinforce safe, responsible and thoughtful use of technology.

TERM 2 - During Webpage Creation, children will learn how websites are structured and designed. They will plan and create digital content for a purpose and audience, considering layout, navigation, media and responsible use of online content.

◆ Art & Design / Design Technology

TERM 1 - Our art focus is Surrealism. Children will explore the work and ideas of artists, develop sketchbook work, experiment with techniques and materials, and use these influences to create and evaluate their own artwork.

TERM 2 - In DT, we will design and make Fairgrounds. Children will research existing products, generate and communicate design ideas, select appropriate tools and materials, make purposeful products and evaluate how successfully their designs meet their intended purpose.

♥ PSHE

TERM 1 - Being in My World will focus on belonging, responsibilities, choices and how our actions affect others. We will establish positive expectations for learning and consider how we can contribute to a safe, respectful class community.

TERM 2 - Celebrating Differences will encourage children to value individuality and diversity, consider different perspectives and relationships, and develop respectful ways to respond to difference and conflict.

◇ Religious Education

TERM 1 - Our RE enquiry focuses on Christianity: Creation. Children will explore Christian beliefs and ideas connected with creation, considering how beliefs can influence the way people understand the world and choose to live.

TERM 2 - We will study Christianity: Gospel, exploring teachings associated with the good news of Jesus and considering how these beliefs and teachings may influence Christian life and practice.

• PE

TERM 1 - Our physical education focus is Hockey. Children will develop control, passing, receiving, movement and tactical awareness, applying skills within increasingly competitive game situations.

TERM 2 - In Football, children will develop passing, dribbling, receiving, shooting, teamwork and tactical decision-making, learning to apply skills effectively within games.

How you can help at home

Regular reading, practising key number facts and times tables, and talking together about new vocabulary and topics all make a real difference. We also love children to share questions, books, experiences or discoveries that connect with our learning in school.