

Autumn 2 Lost and Found

English Science

In Spring 1, our English topics will be looking at the books "High Rise Mystery" by Sharma Jackson and "The Lost Thing" by Shaun Tan. We will also be looking at:

- Recognising vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms
- Using passive verbs to affect the presentation of information in a sentence
 - Using expanded noun phrases to convey complicated information concisely
 - Relative clauses beginning with who, which, where, when, whose, that, or an omitted relative pronoun
- Indicating degrees of possibility using adverbs [for example, perhaps, surely] or modal verbs [for example, might, should, will, must]
 - Use of commas to clarify meaning or avoid ambiguity
 - Using brackets, dashes or commas to indicate parenthesis

In Science this term, we will continue to look at the amazing topic of Materials and their Properties through experiments and exploration, this will include:

- Comparing and grouping together everyday materials based on their properties, including hardness, solubility, transparency, conductivity (both electrical and thermal), and response to magnets.
- Knowing that some materials dissolve in liquid to form a solution, and describing how to recover a substance from a solution.
- Using knowledge of solids, liquids, and gases to decide how mixtures might be separated, including through filtering, sieving, and evaporating.
- Giving reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood, and plastic.
- Demonstrating that dissolving, mixing, and changes of state are reversible changes.
- Explaining that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

This half term, we're exploring the theme of "Lost and Found" through mystery, imagination, and discovery!

We'll dive into the gripping detective story High Rise Mystery, solving clues and uncovering secrets alongside its young investigators. Then, we'll journey into the surreal world of Shaun Tan's The Lost Thing, where we'll think deeply about belonging, curiosity, and what it means to notice the extraordinary in the everyday. Through these thought-provoking texts, we'll develop our reading, writing, and critical thinking skills while exploring big ideas about identity, community, and creativity. Get ready for a term full of puzzles, wonder, and stories that challenge us to look closer at the world around us!

This term, we will be looking at a range of topics to develop our arithmetic and reasoning skills. These will include **Multiplication, division and fractions.**

These will include exploring:

- Multiplying and dividing by 10 and 100 and knowing its effect.
- Finding common factors of two numbers.
- Finding prime numbers up to 100 and recalling up to 19.
- Multiplying and dividing decimals and whole numbers by 10, 100, and 1000.
- Comparing and ordering fractions where denominators are related.
- Converting between equivalent fractions, mixed numbers, and improper fractions.
- Finding equivalent fractions, decimals, and percentages.
- Identifying common factors, multiples, and prime numbers.
- Calculating to solve problems using fractions, decimals, or percentages.

Spelling & Reading

Each week, we will be looking at a selection of special spelling words linked to our English topics. These can be found on our class webpage.

In our daily guided reading session, we'll also explore a range of challenging and exciting texts including Uncle Montague's Tales of Terror by Chris Priestly. This will include comprehension questioning, developing our understanding of vocabulary and how authors create their texts.

We'll also work on our reading skills through Reading Plus, our special online reading platform. Make sure you complete your weekly reads at home (3) and Reading Plus assignments.

Maths

History



This half term, we will explore the Tudors and learn the story of **Henry VIII** and his many wives. This will include:

- Understanding the key events and people of the Tudor period.
- Investigating the social and political changes that occurred during this time.
- Exploring the impact of the reign of key Tudor monarchs, such as Henry VIII, Elizabeth I, and Mary I
- Identifying the significance of the Tudor period in English history.
- Analysing the religious changes that occurred during the Tudor period, including the establishment of the Church of England.
- Comparing the different approaches to governance and leadership during the Tudor period.

DT



In DT, we will be looking at **sewing and fashion** while learning how to stitch fabric together. This will include:

- Exploring what fabrics exist and how they match their function.
- Discussing the types of stitch and how to sew them.
- Creating a bag using a variety of sewing strategies.

Mindfulness

In Year 5, we make mindfulness a regular part of our daily routine by devoting just five minutes each day to practicing mindfulness exercises. Through these short but consistent sessions, we aim to help our students develop a greater awareness of their thoughts and emotions, improve their focus and concentration, and cultivate a sense of inner peace and calm. By making mindfulness a routine part of the school day, we hope to help our students cultivate important life skills that will serve them well both in and out of the classroom.

PSHE



This term, we will continue to work on our emotional wellbeing and mindfulness through our daily sessions and PSHE work looking at:

- Identifying ways to challenge discrimination.
- Understanding the impact of discrimination on individuals, groups and wider society; To consider ways to safely challenge bullying and discrimination.
- Understanding why it is important to listen and respond respectfully to a wide range of people, including those whose traditions, beliefs and lifestyle are different to our own.

PE



This half term, our PE topics will be **handball and badminton**. We will be focusing on learning about:

- Communicating with the team and moving into space to keep possession and score.
- Dribbling, passing, receiving, and shooting the ball with some control under pressure.
- Identifying successes and areas for improvement.
- Using tracking and intercepting when playing in defence.
- Understanding the need for tactics and identifying when to use them in different situations.
- Understanding the rules of the game and applying them honestly most of the time.
- Understanding that different skills are needed for different situations and beginning to apply this

Computing

This half term, we will continue to look at Spreadsheets in computing with a look at formulas and how spreadsheets usage in the wider world. This will include:

- To use a spreadsheet to investigate the probability of the results of throwing many dice.
- To use spreadsheets to model real-life situations.
- To use the created spreadsheet to make decisions about these situations.
- To use the count tool to answer hypotheses about common letters in use

RE

This half term, we will be exploring **Buddhism** and its use of festivals in celebration. This will include exploring:

- Learning about the Buddhist religion and how they worship
- Discovering who Siddhartha Gautama was and why he is important to Buddhists
- Understanding how he became Buddha, what Buddhists believe, and how they worship
- Learning about key Buddhist religious festivals
- Learning about the Three Universal Truths and the Five Moral Precepts, both of which are core teachings of Buddhism
- Understanding that Buddhists believe in a continuous cycle of life, death, and rebirth, which can only be broken by achieving enlightenment
- Finding out what karma is and how it can affect rebirth
- Finding out what Buddhist places of worship are like, and how followers of Buddhism worship
- Learning about the most important Buddhist festival: Vesak, and how it is celebrated
- Learning that Buddhists believe in a continuous cycle of life, death, and rebirth, which can only be broken by achieving enlightenment
- Finding out what karma is, and how it can affect rebirth

