

Spring 1: Lost and Found

This half term, Beech Class will look at the concept of Lost and Found through a vivid collection of stories and topics. These will include the exciting conclusion of the story of Odysseus and "The Lost Thing" by Shaun Tan. We hope our class will 'find' a lot of excitement in these wonderful topics.

English



In Spring 1, our English topics will be looking at the books "The Odyssey" by Gillian Cross 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

Science

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.



Maths



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 Varjak Paw by SF Said. 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.

Geography



The oceans are our focus for this term in Geography, with a focus on how humans impact ocean fauna and flora. This will include:

- Describing the water cycle.
- Explaining how the ocean helps to regulate the Earth's climate and temperature.
- Identifying the Great Barrier Reef as part of Australia.
- Describing how humans impact the oceans and the consequences of this.
- Explaining some actions that can be taken to help support healthy oceans.
- Explaining which data collection method would be best for marine fieldwork and why.
- Collecting data using a tally chart, photographs, and a sketch map..

Art



In Art, we will be looking at mediums for creating a piece of art., this will include:

- Outlining a portrait drawing with words, varying the size shape and placement of words to create interest.
- Trying a variety of materials and compositions for the backgrounds of their drawings.
- Showing that they are making decisions about the position of a drawing on their background, trying multiple ideas.
- Creating a self-portrait that aims to represent something about them.

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 be thinking about what it means to live a balanced life and making healthy choices. We will think about what we put in to our bodies including food and nutrition, vaccinations and what may influence our mood and behaviour.

We will also think about Road Safety with a visit from the Hertfordshire Travel Team.

PE



This term, we will be looking at **Dance and Swimming**, both with an expert coach. This will include:

- Developing a variety of swimming styles to cross a pool.
- Understanding how to stay safe in water.
- Building swimming endurance by swimming longer distances.
- Participating in swimming drills to improve overall fitness.
- Developing coordination learning a variety of dance moves
- Planning and following a sequence of actions.
- Following a set of instructions to create a routine.

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 **What would Jesus do?** as part of our work on the Gospel to strengthen our knowledge of Christ and his teachings. This will include:

- Outlining Jesus' teaching on how his followers should live.
- Offering interpretations of two of Jesus' parables and say what they might teach Christians about how to live.
- Explaining the impact Jesus' example and teachings might have on Christians today
- Expressing their own understanding of what Jesus would do in relation to a moral dilemma from the world today

