

Writing

Chase scene – Action-packed recount based on film scene. Introduction to style of writing sessions – buzzy group talk, big A3/felt tip planning, short, sharp bursts of discussion with quiet thinking and writing time. Focus on use of impactful verbs and vocab boosting using thesauri. Power of 3 and 3bad-dash sentences.

Character descriptions – introduction to ‘show, don’t tell’ and imagery. Focus on clauses and commas – range of sentence structures inc. embedded clauses, fronted adverbials. Compare descriptions to Rudyard Kipling’s. Extend by inventing a new character for the story, their mannerisms and appearance.

Poetry – development of use of extended metaphors based on animals in the story, using the Elephants god-like role as inspiration. Study features of free verse poetry and use them for effect on reader. S+L developed through performance of poetry.

Persuasive writing – Deforestation. Research the extent of, reasons for and impact of deforestation (including palm oil) and develop arguments. Structural features of effective persuasive writing – PECs. Grammatical features of P. writing such as range of conjunctions and sentence starters, Pof3. Script and perform a persuasive presentation or speech

Information Texts – Link to science (adaptations). Research, understand and describe how and why an animal has adapted for life in the rainforest. Focus on features of information text, scientific vocabulary and variation in sentence structures using AP app on ipads.

Author Study on Rudyard Kipling – Research his early life and upbringing, how it impacted upon his writing. Study the themes, language and structural composition of ‘If’ and write our own version as a class using his style as inspiration.

Music

Sounds of the rainforest – working in groups to create compositions that include crescendos and diminuendos and simulated rainforest sounds

Listening activities based on the Jungle Book soundtrack, writing based on the feelings and themes it invokes.

EGPS

Morning starters – 3 each week dedicated to EGPS

- 1 Focus on Grammar or AP sentence type
- 1 Focus on Punctuation
- 1 Focus on Spelling rule OR correction of spellings using spelling books

All EGPS sessions to include a writing prompt and input on how the feature can be used to create amazing writing, rather than standalone knowledge.

Punctuation – Using passages of the JB text with punctuation removed to spark debate about the use of different denotations.

The Jungle Book

Topic Plan

Art

Artist study – Henri Rousseau. Use of colour, techniques and mediums in jungle paintings.

Sketch characters in pencil (developing shading) to accompany character descriptions.

Science – Adaptations and Evolution

Think about the factors that make the rainforest a difficult habitat to survive in.

Learn about examples of how animals have adapted to survive there – BBC Science videos

Independently/In pairs research another rainforest animal and produce an information text about how it has adapted over time to survive (writing link).

Develop this understanding by studying evolution and how species change over time. Learn about Charles Darwin and his discoveries. Understand that evolution happens over a very long time and begin to understand how it happens – through random mutations that give a survival advantage. Find predecessors of animals that exist today and think about why they have changed in the way that they have, including humans

Reading and Comprehension

In addition to daily guided and quiet reading:

Use of RK book in writing sessions, lollipop discussion to assess understanding and prompt debate and discussion about issues arising.

Visual comprehension based on film-based lessons. Ongoing debate during the group planning stage.

Read passages from the RK book and answer questions using PEC, demonstrating recognition and understanding of the grammatical, language and structural features studied throughout the unit.

Maths – Autumn Half Term 1

Outcomes and Format of Learning

The main outcomes of the half term's maths work are:

- For children to extend their written calculation skills and become familiar with the calculation methods listed in the Year 5 expectations.
- To apply the 4 operations to a range of different problems using both written and mental methods.
- To make progress towards meeting the Year 5 expectations for number and place value
- To build mental maths skills and become more confident in verbalising and explaining maths

The format of the lessons will be:

- 2 sessions a week to focus on objectives relating to the current topic (see overview of objectives). These will either be structured, objective-based lessons or a projects/problems that encompass the skills and understanding outlined in the objectives and provides opportunities for teaching input.
- 1 session each week dedicated to building mental maths skills using either Kahoot! quizzes (to engage less confident pupils and build mixed-ability group work skills) or mental maths tests (done in pairs, no time limit and discussion encouraged). These sessions will provide time for either DC or TE to dedicate time to pupils to consolidate understanding from the objectives covered recently and address misconceptions.
- 1 session each week will be 'Problem Solving' session, in which children are free to choose from a selection of problems featuring maths from each area of curriculum. This will be done in set mixed-ability 'problem-solving' groups with each member assigned a role as per Jo Boaler's 'Mathematical Mindsets' theories.

The focus from the start of the term will be very much on using growth mindsets in maths. This will relate to the Jo Boaler sessions carried out in the first week of term. From then on, the children will be using the Mathematical Mindsets group work system, spending more time on topics and ideas to encourage 'deep maths', be encouraged to think about the 'links' of each topic or idea and how it relates to other areas of maths.

'Einstein badges' always on offer! Relate to Einstein's quote about only being able to understand something well enough if you can describe it simply. Therefore, anyone who provides an accurate and simple explanation during class or peer discussion, or verbalises their understanding particularly well, will receive an Einstein badge.

Objective Overview

Week 2

Topic – Number and place value

Objectives - Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000
Count forwards and backwards with positive and negative whole numbers, including through zero
Read and write numbers to at least 1 000 000
Read Roman numerals to 1000 (M) and recognise years written in Roman numerals
Order and compare numbers to at least 1 000 000 and determine the value of each digit
Extend recognition of place value to 6 digit numbers

Week 3

Topic – The Number System

Objectives – Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000
Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers
Establish whether a number up to 100 is prime and recall prime numbers up to 19
Interpret negative numbers in context
Solve number problems and practical problems that involve all of the above

Week 4

Topic – Addition and subtraction

Objectives – Add and subtract numbers mentally with increasingly large numbers
Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

Weeks 5 and 6

Topic – Multiplication and division

Objectives – Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
Multiply and divide numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
Multiply and divide numbers mentally drawing upon known facts.
Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes

Week 7

Topic – Word problems involving all 4 operations

Objectives – Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign