**Year 3 Topics**

**Into The Rain Forrest**

**The Stone Age**

**The Romans**

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| Into the rainforest | |
| **Numeracy:**  Place value-  Read, write and order large numbers  -Use simple mental addition and subtraction calculations  -Find 10 or 100 more or less than any number  - Compare and order numbers up to 1000.  -Recognise the place value of each digit in a 3-digit number  -Use written methods for addition and subtraction  -Add/Subtract numbers with up to 3 digits  -Revise times tables  -Use and understand the term multiples  -Apply knowledge of doubling and halving  -Solve problems including missing number problems  -Estimate answers and use inverse operations to check answers.  -Solve number and practical problems.  -Write and calculate mathematical statements for multiplication and division.    **LITERACY**  We will be reading the books The Great Kapok Tree’ by Lynne Cherry and The Vanishing Rainforest by Richard Platt. Our Literacy lessons will be based around the book and objectives will be taught through the text.  **Reading**  - Understand themes and points of view in a text  - Retrieve information and make inferences and deductions  - Comment on a writer’s use of language  **Describing settings**  -We will be using structured sentences and developing a rich vocabulary  to describe a setting  -Use appropriate conjunctions to sequence writing  **Instructions**  -Read and compare examples of instructional texts  -Review the common features  -Review and make critical judgments on how effective the instructions are  **Non– Fiction**  -Focus on the layout of non-fiction texts and create a non-fiction book with a front cover, blurb, contents page, diagrams and pictures, about different animals in the rainforest.    Science: Animals including Humans– Keeping Healthy- Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat-Identify that humans and some other animals have different types of skeletons and muscle and determine their function.Plants -The life cycle– identifying different parts of a plant and what function these play in a strong growth and support. | **Geography:**  Rainforests  Location on earth  Climate  Location knowledge  Geographical differences  Rainforests  Map work locations  Comparing rainforests  **R.E.:**  Why is the bible important?  Jesus the healer  Harvest/Christmas  Judaism and the Jewish faith  **PSHCE:**  New beginnings  Feelings  Rules  Fairtrade and ethos behind rainforests and exploitation SMSC  **Music:**  Love music trust-  Focusing on performance and singing a medley to perform at the Crewe Lyceum theatre in the Spring term.  **Art:**  Use of sketch books  Looking at various techniques and famous artists such as Victoria Horkan  and George Seurat.  Shade toning blending and pointillism using oil pastels, paints and different types of pencils.  **DT:**  We will be making dragonflies and butterflies made out of wire.  **French:**  Greetings  Numbers  **ICT:**  Touch typing  Internet safety  Creating fact sheets all about the Amazon Rainforest.  **P.E.:**  Invasion games  Indoor athletics |
| The Stone Age | |
| **Numeracy:**  Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.  - Write and calculate mathematical statements for multiplication and division facts learnt, including two digit numbers times one digit numbers, using metal and progressing to formal written method  -Solve problems including missing number problems  -Measurement-  Money, Add and subtract amounts of money to give change. Using both £ and p in practical contexts.  Length and perimeter– Measure, compare, add and subtract lengths (m,mm,cm) Mass (kg,g) Volume/capacity (l,ml) and measuring the perimeter of 2D shapes.  -Statistics– Interpret and presenting data using bar chart, pictograms and tables  *Number*– Fractions  Count up and down in tenths, recognising that tenths arise from dividing an object into 10 equal parts and in diving one-digit numbers or quantities by 10.  -recognise and use fractions as numbers, unit fractions and non-unit fractions with small denominators.  Compare and order fractions with the same denominator  -Solve problems  **Literacy:**  We will be reading the books ‘How to Wash A Woolly Mammoth” by Michelle Robinson and “The Stone Age Boy” By Satoshi Kitamura. Our Literacy lessons will be based around the book and objectives will be taught through the text.  **Reading**  - Locate information in texts to support ideas  - Interpret the effects of words and phrases e.g. to create humour, images and atmosphere.  -Predict what might happen from details stated and implied  - Ask questions to improve understanding of a text  -Identify the main ideas drawn from more than one paragraph  **Writing**  -Continue working on using structured sentences and rich vocabulary in all writing  -Use appropriate conjunctions to sequence writing  Read and compare examples of instructional texts  -Review the common features  -Introduce prepositions and use them to state where e.g. before, after, during, in, though and next to  -Write a set of instructions of how to make a stone age necklace.  Adventure Stories  - Begin to develop plots in narrative  - Use inverted commas to punctuate direct speech  — Begin to recognise subordinate clauses.  - Use adverbs to modify verbs e.g. slowly, bravely, fearfully | **Science:** - Rocks and FossilsTypes of rocksGrouping rocksFantastic fossilsMary AnningSoil formation-Light (light and shadows)Investigating what light and dark is.Reflection of light.Marvellous mirrorsSun safetyChanging ShadowsMaking shadows **Computing:**  In our computing sessions we will use Purple Mash to start to work on coding.  **P.E.:**  Gymnastics  Basketball and Bench ball  **French:**  Where I live  The weather  Family |
| The Mighty Romans | |
| **Numeracy:**  Fractions-  Recognise and show, using diagrams, equivalent fractions with small denominators.  Compare and order unit fractions with small denominators.  Add and subtract fractions with the same denominator within one whole.  Solve problems that involve all of the above.  Measurement- time  Tell and write the time from an analogue clock, including using Roman Numerals. And the 12 and 24 hour clocks  Estimate and read time with increasing accuracy to the nearest minute.  Record and compare time in terms of seconds, minutes and hours.  Use vocabulary such as o’clock, am/pm, morning, afternoon, noon and midnight.  Know the number of seconds in a minute and the number of days in a month, year and leap year.  Compare durations or events.  Geometry- properties of shape  Recognise angles as a property of shape or a description of a turn.  Identify right angles, recognise that two right angles makes a half turn, three makes three quarters of a turn, identify whether angles are greater than or less than a right angle.  Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.  Draw 2-D and 3-D shapes using modelling materials.  Recognise 3-D shapes in different orientations and describe them.  Measurement- mass and capacity  Measure, compare, add and subtract lengths(mm,cm,m) mass (kg,g) Volume(l,ml)  **Literacy:**  Our Literacy lessons will be based around the book a lion in Paris and objectives will be taught through the text.  **Reading**  - Use a dictionary to check the meaning of words read  - Locate information in texts to support ideas  -Explain the meaning of words in context  -To interpret the effects of words and phrases e.g. to create humour, images and atmosphere.  -Identify words or phrases used to create mood or build tension and ask why the author has chosen particular words  -To check the text makes sense and discuss their understanding of it  **Writing**  -We will continue working on using structured sentences and rich vocabulary in all writing.  -Use expanded noun phrases  -Choose nouns and pronouns appropriately for clarity and to avoid repetition  -Use adverbs to show when and where  - To use the correct article (a and an) before the next word  Narrative—Character descriptions  -Look at a variety of character descriptions  - Use and select appropriate words to describe the character  -Develop own character description using super sentences | **History:**  An introduction to the Romans  -Develop a chronological understanding of  changes from the Iron Age to the development of the Roman Empire  -Learn about how the Roman Empire expanded  -Learn about the roman army  -Understand why the romans wanted to invade Britain  -Learn about roman entertainment, chariots and gladiators  -Learn about Boudicca's rebellion  -Learn about roman engineering and roads  Geography:  European Cities,  Rome and Roman cities focusing on the Romans impact on the UK and the local area.  **R.E.:**  Islam and Allah  Descriptions of God through religions  Chistianity.  **PSHCE:**  Say no to bullying  Changes and growing up  Kiva and Go-Givers  Music:  **Art:**  Mosaics and their history  Artist study  Different artists who used mosaic in their art.  **ICT:**  Coding using the Purple Mash curriculum and 2 simple coding program.  **P.E.:**  Strike and field  Athletics  **French:**  Food and drink  Colours  Classroom instructions  **Science:**  Forces and Magnets-  Marvellous magnets,  Magnet poles, magnet strength, pushes and pulls and faster and slower.  Science and scientists-  The plant hunters  Marie Curie  William Smith  Journey to the centre of the earth  Concave or convex  Electro magnets |