

Context for Learning Topic Web

Include: Launch activity / Lead subject – main learning points / Subsidiary (linked) subjects – main learning points / Links to English and (if applicable) Maths

Knowledge and Understanding (Science, Geography)

- **Rocks**
- Describe in simple terms how fossils are formed when things that have lived are trapped with rock
- Recognise that soils are made from rocks and organic matter
- Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties
- **Forces & Magnets**
- Compare how things move on different surfaces
- Notice that some forces need contact between two objects, but magnetic forces act as a distance
- Observe how magnets attract or repel each other and attract some materials and not others
- Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- Describe magnets as having two poles
- Predict whether two magnets will attract or repel each other, depending on which poles are facing
- **Geography**
- Learn and use the eight points of a compass, two-figure grid references (Links with maths), symbols and key (including the use of ordnance survey maps) to build their knowledge of the United Kingdom and the wider world
- Describe and understand key aspects of human geography including: types of settlement and land use.
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Literacy

- **Reading**
- Take One Book- Picture books and Archie's War
- Identify and discuss themes & conventions in a wide range of writing
- Develop a positive attitude to reading and understanding by recognising some different forms of poetry
- Use dictionaries to check the meaning of words they have read
- Discuss use of authors' language
- Identify themes and conventions in picture books.
- **Writing**
- Narrative – non-narrative (instructions, recounts, letters)
- Organises paragraphs around a theme
- In narratives, create settings characters and plot

Grammar

- Develop use of conjunctions, adverbs and prepositions to express time & cause
- Use conjunctions including, when, if, because, although
- Use 'a' and 'an' correctly
- **SPaG**
- Recap previous year's grammar
- Spelling rules in accordance with the National Curriculum

History – Stone Age

- Develop chronologically secure knowledge and understanding of British, local and world history. Establish clear narratives within and across the periods they study
- Understand overview and depth
- Address and devise historically valid questions about change, similarity and difference. Note connections, contrasts and trends over time.
- Establish valid questions about cause and significance
- Understand how our knowledge of the past is constructed from a wide range of sources
- Construct informed responses that involve thoughtful selection and organisation. Develop appropriate use of historical terms

Year 3 Autumn – The Stone Age



Creative Development

DT

- Understand the need for patterns
- Understand seam allowance
- Identify decoration techniques

Art

- Experiment with a variety of drawing materials and discuss their effect i.e. charcoal, chalk, pencil, pastels etc.
- Draw simple shapes
- Look at drawing people
- 3D Work – clay

Computing

- **Programming an animation**
- Create an algorithm for an animated scene in the form of a storyboard
- Write a program in Scratch to create the animation
- Correct mistakes in their animation programs
- Finding and correcting bugs in programs
- Develop a number of strategies for finding errors in programs
- Build up resilience and strategies for problem solving
- Increase their knowledge and understanding of Scratch
- Recognise a number of common types of bugs in software

Physical Education

- **Invasion games and gymnastics**
- Develop flexibility, strength, technique, control and balance
- Apply basic principles for attacking and defending in invasion games

R.E

- **Hinduism** – (Beliefs and Practices) Would celebrating Diwali at home and in the community bring a sense of belonging to a Hindu child?
- **Christianity** – (Beliefs and Values) Has Christmas lost its true meaning?

Mathematics

- **Number – place value (Week 1-2)**
- Identify, represent and estimate numbers using different representations
- Find 10 or 100 more or less than a give number; recognise the place value of each digit in a three digit number (hundreds, tens, ones)
- Compare and order numbers up to 1000
- Read and write numbers up to 1000 in numerals and in words
- Solve number problems and practical problems involving these ideas
- Count from 0 in multiples of 50 and 100
- **Number – addition and subtraction (Week 3-6)**
- Add and subtract numbers mentally, including: a three digit number and ones; a three digit number and tens; a three digit number and hundreds
- Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
- Estimate the answer to a calculation and use inverse operations to check answers
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
- **Number – multiplication and division (Week 7-10)**
- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context
- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- **Measurement (Week 11-12)**
- Measure, compare, add and subtract: lengths (m/cm/mm)
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
- Measure the perimeter of simple 2D shapes
- Continue to measure using the appropriate tools and units, progressing to using a wider range of measure, including comparing and using mixed and simple equivalents of mixed units

Mental Mathematics

- Use place value and number facts to add and subtract numbers
- Subtract by counting up
- Learn to count in 3's and 4's and know the 3x and 4x table
- Add and subtract any two digit numbers by counting on in 10s and 1s or by using partitioning
- Perform place value subtractions without a struggle (546-30=506)
- Know multiples of 10 with a total of 100
- Know pairs with each total to 20

Music

- Reggae and music from the Caribbean
- Pulse and rhythm work
- Listen and appraise music from a selection of sources
- Rehearse for Christmas production with seasonal songs
- Perform to an audience
- Work on singing in a round and rap during warm up

MFL: German

Listen attentively to spoken language and show understanding by joining in and responding

Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words

Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help*

Speak in sentences, using familiar vocabulary, phrases and basic language structures

PSHEE

Anti-bullying

- Do I know the different types of bullying?
- Do I understand the affect bad words have on a person?
- Do I know ways to cope if people are using words to hurt me?
- Can I make others aware on the impact of bullying?

Smoking

- Why do people smoke?
- What are the dangers and cons of smoking?
- What hazardous substances are in tobacco?
- What does it mean to have an addiction?