

History

- Describe the ways of life which are typically associated with the stone age period of history and identify and give reasons for those which are likely to be accurate and those that are anachronisms—simply could not have occurred then
- Recognise that the stone age in Britain is a period of prehistory which began when the first modern humans arrived in Britain between 850,000 and 950,000 years ago and ended approximately 4,500 years ago with the beginning of the Bronze age
- Describe and suggest reasons for the presence of a small family group of people from the old stone age on a beach in Norfolk and compare and contrast this with how most people use beaches today
- Describe and explain how archaeologists use a great variety of artefacts, including monuments, to try to understand how ancient Britons lived during the stone age
- Describe the likely features of stone age summer and winter camps in Britain and offer reasons and explain why they were required
- Recognise, describe and compare and contrast the difference between historical facts and historical supposition
- Identify, describe, compare and contrast and explain some of the important ways in which life for ancient Britons changed during the stone age

Computing

- To create an algorithm for an animated scene in the form of a storyboard
- To write program in Scratch to create the animation
- To correct mistakes in their animation programs

Maths

Place Value

- Identify, represent and estimate numbers using different representations
- Find 10 or 100 more or less than a given number
- Recognise the place value of each digit in a three-digit number
- Compare and order numbers up to 1000
- Read and write numbers up to 1000
- Solve number problems up to 1000 in numerals and words
- Solve number problems and practical problems involving these ideas

Addition and Subtraction

- Add and subtract numbers mentally
- Add and subtract numbers with up to three digits, using a formal written method or columnar addition and subtraction



English

- Instruction texts
- Writing Techniques
- Stories based on picture stimulus
- Non-chronological texts
- Author Study
- Texts to be used: Fossil by Bill Thomson, How to Wash a Woolly Mammoth by Michelle Robinson & Kate Hindley, The First Drawing by Mordicai Gerstein and Woolly Mammoth by Mick Manning & Brita Granstrom. Game of Stones, I,Pod and Stone Underpants by Rebecca Lisle

**Year 3
(3W & 3J)
Autumn Term 1**

Rock 'n' Roll!



Science (Rocks and Soils)

- Compare and group together different kinds of rocks on the basis of their simple, physical properties.
- Relate the simple physical properties of some rocks to their formation (igneous or sedimentary).
- Describe in simple terms how fossils are formed when things that have lived are trapped within sedimentary rock.
- Recognise that soils are made from rocks and organic matter.

Physical Education—Dance

- Perform dances using a range of movement patterns
- Develop flexibility, strength, technique, control and balance
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Art

- Understand the significance of cave paintings
- Use different paint applicators
- Explore different cave painting techniques
- Use a range of different mediums and applications to create historic art
- Evaluate a final piece through peer-assessment

RE - Creation

- Place the concepts of God and Creation on a timeline of the Bible's 'Big Story'
- Make clear links between Genesis 1 and what Christians believe about God and Creation.
- Describe what Christians do because they believe God is Creator. (For example, follow God, wonder at how amazing God's creation is; care for the earth in some specific ways.)

Geography

- During the enquiry pupils will have opportunities through the application and analysis of a wide range of geographical skills and resources to:
- Identify, describe and give reasons for why environments change;
- Explain with examples how some environmental change may be the result of natural events whilst other change may be the result of deliberate human activity to improve the quality of life;
- Observe, record and explain changes that have occurred in the past to the school and its grounds and its immediate environment;
- Identify, describe and explain how an aspect of life in the local area has changed over a long period of time, or how the locality has been affected by a significant national or local event or development, or the work of a significant individual;
- Demonstrate understanding of how the quality of the environment may change within the local area and make judgements to explain observations;
- Recognise how remote sensing by satellites and satellite images inform geographers of environmental change on a global scale and identify and explain specific examples of change from NASA images of locations around the world;
- Describe and explain the impact of environmental change in one threatened region of the world.

Computing

- To think about different methods of communication
- To open and respond to an email
- To write an email to someone using an address book
- To learn how to use email safely.
- To add an attachment to an email
- To explore a simulated email scenario

Maths

Addition and Subtraction

- Add and subtract numbers mentally
- Add and subtract numbers with up to three digits, using a formal written method or columnar addition and subtraction

Multiplication and Division

- Count from 0 in multiples of 4, 8, 50 and 100
- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
- Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.
- Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems

English

- Instruction texts
- Writing Techniques
- Stories based on picture stimulus
- Non-chronological texts
- Author Study
- Texts to be used: Fossil by Bill Thomson, How to Wash a Woolly Mammoth by Michelle Robinson & Kate Hindley, The First Drawing by Mordicai Gerstein and Woolly Mammoth by Mick Manning & Brita Granstrom. Game of Stones, I,Pod and Stone Underpants by Rebecca Lisle

**Year 3
(3W & 3J)
Autumn Term 2**

Rock 'n' Roll!

Science (Magnets and Forces)

- To observe the forces that magnets produce
- To report and present findings from enquiries.
- To name some materials that magnets can attract and some they cannot
- To list at least 10 uses of magnets in everyday life.
- To explain what a magnetic pole is and what it can do.
- To predict whether two magnets will attract or repel each other.

RE - Salvation

- Offer suggestions about what texts about baptism and trinity might mean
- Identify the difference between a 'Gospel' and a letter
- Give examples of what these texts mean to some Christians today
- Describe how Christians show their beliefs about God the Trinity in worship (Baptism and Prayer)
- Make links between some Bible texts studied and the idea of God in Christianity

Physical Education—Gymnastics

- To explore jumping techniques and link them with other gymnastic actions
- To select and adapt gymnastics actions to meet the task
- To create a sequence that develops jumping skills
- To improve the ability to choose appropriate actions when creating a sequence to music

DT

- Research the different types of jewellery discovered at Skara Brae
- Analyse Stone Age jewellery
- Plan a piece of jewellery that replicates Stone Age materials
- Replicate Stone Age jewellery using clay or salt dough and evaluate final product



Objectives for Year 3 Term 1

In addition to previous learning, pupils should learn how to...

Spoken Language	Reading	Writing	Transcription
<p>Speaking, Listening and Discussion Speak fluently in sentences and without hesitation Hold a conversation with peers and adults Disagree politely with peers</p> <p>Drama Create atmosphere through the use of voice and movement</p>	<p>Word Reading Read words with unfamiliar spelling patterns Use an understanding of morphology and etymology to aid them in reading unfamiliar words (link to spelling strand) Continue to build a knowledge of unusual grapheme phoneme correspondences</p> <p>Being a Reader Listen to and discuss a range of fiction, poetry, plays, non-fiction, reference and text books Identify and remember common structural and language conventions in different text types Read for a range of purposes Retell stories, adding key details</p> <p>Reading Comprehension Check that they understand the text they are reading and explain the meaning of words in context Develop an active attitude towards reading e.g. seeking answers, anticipating events and imagining situations that are described Answer questions by referring back to the text Predict what may happen and explain using detail from the text Identify the key points in a text Use textual details to draw conclusions about characters, settings and events Explain the basic structures inherent in different text types (fiction and non-fiction) Select and explain favourite vocabulary choices Identify the author's purpose e.g. to inform, describe, entertain, share feelings etc. Develop understanding by linking reading to other books or similar contexts</p> <p>Being a Researcher Use library classification to find reference materials Take notes by summarising, deleting and substituting Retrieve, record and present information</p>	<p>Planning, Composing and Evaluating Generate ideas for their writing Use the structures, grammar and vocabulary of written texts to plan and write their own Compose and orally rehearse sentences and lines of poetry which are increasingly rich in structure and vocabulary Use headings and sub-headings Use ideas and content appropriate to the subject and text type Signal sequence, place and time to give coherence to writing Create settings using well chosen words and phrases Collect and use suitable vocabulary for a text Use expression, intonation and tone when reading aloud their writing Evaluate the work of others and suggest improvements Evaluate their work effectively and make improvements based on this Proof-read for spelling, grammar and punctuation errors Improve their writing style by adding new techniques to their repertoire (see Appendix A – year 3)</p> <p>Grammar, Punctuation and Vocabulary Use correct grammatical terminology when discussing their writing Use and understand the terms consonant and vowel Use a or an appropriately Recognise what a pronoun is Recognise what a personal pronoun is e.g. I, me, we, us, you, he, she, it, him, her, they, them Recognise and explain what a conjunction is Use conjunctions to express time, place and cause e.g. when, so, before, after, while, because Recognise direct speech and inverted commas Use direct speech and inverted commas</p>	<p>Spelling Use a dictionary to check words Consolidate spelling patterns from Y2 Investigate spelling patterns and conventions Spell words with the prefix pre- Spell words with the prefix sub- Spell words with the prefix ex- Spell two syllable words containing double consonants e.g. dinner Add suffixes beginning with vowel letters to words of more than one syllable and know when to double the final consonant e.g. forgetting, forgotten, gardening, gardener Spell words where an i sound is spelt with a y in the middle of words e.g. gym, Egypt Spell the words answer, build, caught, circle, early, earth, fruit, group, heard, heart, height, island, learn, minute, often, woman/women Write, from memory, simple dictated sentences using spelling and punctuation knowledge taught so far Choose the correct spelling by using a visual strategy ('Does it look right?')</p> <p>Handwriting and Presentation Write with joined handwriting consistently Build keyboard skills to type, edit and redraft</p>