

Curriculum Overview for Year Five – Spring 2

English

- Punctuate all sentences accurately with: Capital letters, full stops, question marks and exclamation marks
- Use a reasonably wide range of vocabulary for effect, though not always appropriately
- Independently use relative clauses beginning with: who, which, where, when, whose and that or with an implied (omitted) relative pronoun.
- Use devices to build cohesion within paragraphs or verses (e.g. secure use of pronouns).
- Link ideas across paragraphs, using adverbials of : time (e.g. later); place (e.g. nearby); number (e.g. secondly); or tense choice (e.g. he had seen her before)
- Punctuate all sentences correctly with inverted commas.
- Select the appropriate tense for a range of speech and writing (e.g. diary, story, recount letters) and use consistently
- Select the appropriate tense for a range of speech and writing.

PSHE

- To understand how relationships can be affected by positive and negative influences
- To understand that a relationship can occur between a person and a community, in both positive and negative ways.

Computing

- To gain a greater understanding of the impact that sharing digital content can have.
- To review sources of support when using technology and children's responsibility to one another in their online behaviour.
- To know how to maintain secure passwords.
- To understand the advantages, disadvantages, permissions and purposes of altering an image digitally and the reasons for this.
- To be aware of appropriate and inappropriate text, photographs and videos and the impact of sharing these online.
- To learn about how to reference sources in their work.
- To search the Internet with a consideration for the reliability of the results of sources to check validity and understand the impact of incorrect information. To ensure reliability through using different methods of communication.

Art/Design & Technology

- use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
- select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities
- evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

Geography

- locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities
- describe physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes and the water cycle

Mathematics

- 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
- recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)
- divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes
- solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign
- multiply 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
- solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes
- solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign
- identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements: 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
- compare and order fractions whose denominators are all multiples of the same number

Modern

Languages

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- 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 question

Music

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- listen with attention to detail and recall sounds with increasing aural memory
- use and understand staff and other musical notations
- appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians

Science

- Describe the movement of the Earth, and other planets, relative to the Sun in the solar system
- Describe the movement of the Moon relative to the Earth
- Describe the Sun, Earth and Moon as approximately spherical
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

History

- the achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China
- a non-European society that provides contrasts with British history

Physical

Education

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- play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending

Religious

Education

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- to understand the varying religious beliefs relating to God and Gods.
- to understand the terms agnostic, theist and atheist.