

National Curriculum Overview - Year 6



Upper Key Stage 2

Spoken Language (Years 1 to 6) • listen and respond appropriate

- Islaten and respond appropriately to adults and their peers

 ask relevant questions to extend their understanding and knowledge

 use relevant arteatges to build their vocabulary

 articulate and justify answers, arguments and opinions

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 appressing feeling

 maintain attention and participate actively in collaborative conversations, staying on topic and
 initiating and responding to comments

 use spoken language to develop understanding through speculating, hypothesising, imagining ar
 exploring ideas

 speak audibly and fluently with an increasing command of Standard English
 participate in discussions, presentations, performances, role play, improvisations and debates

 gain, maintain and monitor the interest of the listener(s)

 consider and evaluate different viewpoints, attending to and building on the contributions of othe
 select and use appropriate registers for effective communication.

Reading: Word Reading

apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology) as listed in English Appendix 1, both to read aloud and to understand the meaning of new word that they mee.

- Reading: Comprehension

 Mointain positive attitudes to reading and understanding of what they read by:

 continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and
 reference books or textbooks

 reading tooks that are structured in different ways and reading for a range of purposes

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 stories, modern fiction, fiction from our literary heritage, and books from other cultures an
 traditions

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 recommending books that they have read to their peers, giving reasons for their choices identifying and discussing themes and conventions in and across a wide range of writing making comparisons within and across books

 learning a wider range of posting by the heart preparing poems and plays to read aloud and to perform, showing understanding throu intonation, tone and volume so that the meaning is clear to an audience into the preparing poems and plays to read aloud and to perform, showing understanding throu intonation, tone and volume so that the meaning is clear to an audience in the preparing poems and plays to the standing their understanding and explored in the standing through the standing and explored in the standing questions to improve their understanding of drawing inferences such as inferring characters' feelings, thoughts and motives from their and justifying inferences with evidence predicting what might happen from details stated and implied support the main ideas are standing to the stated and implied in the standing and the standing and the standing in the main ideas drawn from more than one paragraph, identifying key deta support the main ideas identifying hey authors use language, including figurative language, considering impact on the reador distinguish between statements of fact and opinion retrieve, record and present information from non-fiction restrieve, record and present information from non-fiction participate in discussions about books that are read to them and those they can read to

- Periver, Tector and present information information. Participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and rob dhallenging views courteously explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necess provide reasonable justifications for their views.

- Writing: Handwriting & Presentation
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 Writing: Handwriting and with increasing speed by:

 speaking which shape of a letter to use when given choices and deciding whether or not to join specific letters
 choosing the writing implement that is best suited for a task.

Writing: Composition

- If and write by:
 selecting appropriate grammar and vocabulary, understanding how such choices can change and
 enhance meaning
 in narratives, describing settings, characters and atmosphere and integrating dialogue to convey
 character and advance the action
 practising longer passages
 using a wide range of devices to build cohesion within and across paragraphs
 using further organisational and presentational devices to structure text and to guide the reade
 (for example, headings, bullet points, underlining).

- ensuring correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and writing and choosing the appropriate register proof-read for spelling and punctuation errors profermed for spelling and punctuation errors perform their own compositions, using appropriate intonation, volume, and movement so that meahing is clear.

- Writing: Vocabulary, Grammar & Punctuation
 Develop their understanding of the concepts set out in English Appendix 2 by:

 recognising vocabulary and structures that are appropriate for formal speech as subjunctive forms

- subjunctive forms using passive verbs to affect the presentation of information in a sentence using the perfect form of verbs to mark relationships of time and cause using expanded noun phrases to convey complicated information concisely using modal verbs or adverbs to indicate degrees of possibility using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun learning the gramma for years 5 and 6 in English Appendix 2. scale grammatical and other features by:

Languages

- sound and meaning to worus

 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

- Illustrates and compared to the state of the

Number: Number & Place Value

- Number: Addition & Subtraction

 solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

- Number: Multiplication & Division

 multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal w method of long multiplication
 - method of long multiplication divide numbers up to 4 digits by a two-digit whole number using the formal written method of divide numbers up to 4 digits aniders as whole number remainders. Fractions, or by rounding, as appropriate for the context divide numbers up to 4 digits by a two-digit number using the formal written method of short dividen where appropriate, interpreting remainders according to the context identify common factors, common multiples and prime numbers

- Number: Fractions
- compare and order fractions, including fractions > 1 add and subtract fractions with different denominator

- x 1/2 = 1/8] divide proper fractions by whole numbers [for example, 1/3 of 2 = 1/8] divide proper fractions by whole numbers [for example, 1/3 of 2 = 1/8] a simple fraction (in with division and calculate decimal fraction equivalents [for example, 0.376] a simple fraction [for example, 0.376] a simple fraction [for example, 0.376] and the fraction of example 0.376 and 0.376 or 0.376

- draw 2-D shapes using given dimensions and angles recognise, describe and build simple 3-D shapes, including making nets recognise, describe and build simple 3-D shapes, including making nets compare and classify geometric shapes based on their properties and sizes and find unknown lillustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

describe positions on the full coordinate grid (all four quadrants)
 draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

- Ratio & Proportion

 solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
 solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison
 solve problems involving similar shapes where the scale factor is known or can be found
 solve problems involving similar shapes where the scale factor is known or can be found

Algebra

Uratait

- changes in Britain from the Stone Age to the Iron Age the Roman Empire and its impact on Britain Fishings and State State (State State Sta

- The Shang Dynasty of Ancient China Ancient Greece a study of Greek life and achievements and their influence on the western world a non-European society that provides contrasts with British history one study chosen from: early Islamic civilization, including a study of Baghdad c. AD 900; Mayan civilization c. AD 900; Benin (West Africa) c. AD 900-1300.

Physical Education

- Swimming & Water Safety

 All schools must provide swimming instruction either in KS1 or KS2.
- An scruous must provide swimming instruction region in Kor to Inc.2, when competently, confidently and proficiently over a distance of at least 25 metres
 use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]
 perform safe self-rescue in different water-based situations.

Egremont Primary School

Science.

- Working Scientifically (Upper Key Stage 2)

- identify and name the main parts of the human circulatory system, and describe the f the heart, blood vessels and blood recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies fun describe the ways in which nutrients and water are transported within animals, includi-

- recognise that living things have changed over time and that fossils provide inform living things that inhabited the Earth millions of years ago
 recognise that living things produce offspring of the same kind, but normally offspring not identical to their patents
 identify how animats and plants are adapted to suit their environment in different w

Electricity

associate the brightness of a lamp or the volume of a buzzer with the number and vol

Geography

- Ney Juege –

 Locational Knowledge

 I 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

 name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects
 - mountains, coasts and rivers), and land-use patterns; and understand how som have changed over time identify the position and significance of latitude, longitude, Equator, Northern H-Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarcti Prime/Greenwich Meridian and time zones (including day and night).

- Describe and understand key aspects or: physical geography, including: climate zones, blomes and vegetation belts, rivers, mountains, volcances and earthquakes, and the water cycle human geography, including: types of settlement and land use, economic activity including tra-links, and the distribution of natural resources including energy, food, minerals and water.

- Geographical Skills & Fieldwork

Design & Jechnology

- Design

 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
 generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design
- select from and use a wider range of tools and equipment to perform practical tasks (for example, cutting, shaping, joining and finishing), accurately
 select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qu

understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]

- Cooking & Nutrition

Computina

- /Stage 2
 design, write and debug programs that accomplish specific goals, including controlling or simulating design, write and debug programs that accomplish general real mailate parts under a programs, so the problems by decomposing them into amalate parts use sequence, selection, and repetition in programs; work with variables and various forms of input and output use logical reasoning to explain how some simple algorithms work and to detect and correct errors in adjorithms and programs use logical reasoning to explain how some simple algorithms work and to detect and correct errors in adjorithms and programs use for the compliance of the complex of the c

identify a range of ways to report concerns about content and contact.

art & Design

- Stage 2 sketch books to record their observations and use them to review and revisit ideas to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] about great artists, architects and designers in history.