



MATHEMATICS AND COMPUTING

Ratio and proportion UKS2

- **m234** solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
- **m235** solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison
- **m236** solve problems involving similar shapes where the scale factor is known or can be found
- **m237** solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

Measurement UKS2

- **m243** solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate

Statistics UKS2

- **m257** interpret and construct pie charts and line graphs and use these to solve problems
- **m258** calculate and interpret the mean as an average.

Maths

This half term we will be completing our measurement unit by applying our knowledge to problem solving. We will then extend this knowledge to ratio and proportion issues. Afterwards we will be looking at statistics and data representation in a variety of charts and graphs. We will also be reviewing all areas of the mathematics curriculum. This main maths curriculum will be supported by cross curricular maths sessions which focus on investigating measures (Through spell making) and money problems (through budgeting activities)

Art

Our art this half term will be linked to our science work. We will be creating nature sketches using pencil and watercolours inspired by the works of Charles Darwin during his study of evolution.

EXPRESSIVE ARTS AND DESIGN

UKS2

- **ad16** I can show in my sketch book how I have developed techniques and ideas
- **ad18** I can show examples of drawing using pencil and charcoal.

- **ad19** I can show examples of painting with different kinds of paint

LITERACY

Reading - word reading UKS2

- **e200** 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 words that they meet.

Reading - comprehension UKS2

- **e201** maintain positive attitudes to reading and understanding of what they read by:
- **e202** continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- **e203** reading books that are structured in different ways and reading for a range of purposes
- **e204** increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions
- **e205** recommending books that they have read to their peers, giving reasons for their choices
- **e206** identifying and discussing themes and conventions in and across a wide range of writing
- **e207** making comparisons within and across books
- **e208** learning a wider range of poetry by heart
- **e209** preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- **e210** understand what they read by:
- **e211** checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
- **e212** asking questions to improve their understanding
- **e213** drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- **e214** predicting what might happen from details stated and implied
- **e215** summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- **e216** identifying how language, structure and presentation contribute to meaning
- **e217** discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- **e218** distinguish between statements of fact and opinion
- **e219** retrieve, record and present information from non-fiction
- **e220** 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 challenging views courteously
- **e221** 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 necessary
- **e222** provide reasoned justifications for their

- **e224** spell some words with 'silent' letters [for example, knight, psalm, solemn]
- **e225** continue to distinguish between homophones and other words which are often confused
- **e226** use knowledge of morphology and etymology in spelling and understand that the spelling of some words needs to be learnt specifically, as listed in English Appendix 1
- **e227** use dictionaries to check the spelling and meaning of words
- **e228** use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary
- **e229** use a thesaurus.

Writing - handwriting and presentation UKS2

- **e230** write legibly, fluently and with increasing speed by:
- **e231** choosing which shape of a letter to use when given choices and deciding whether or not to join specific letters
- **e232** choosing the writing implement that is best suited for a task.

Writing - composition UKS2

- **e233** plan their writing by:
- **e234** identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- **e235** noting and developing initial ideas, drawing on reading and research where necessary
- **e236** in writing narratives, considering how authors have developed characters and settings in what pupils have read, listened to or seen performed
- **e238** selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- **e239** in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
- **e240** precisising longer passages
- **e241** using a wide range of devices to build cohesion within and across paragraphs
- **e242** using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]
- **e244** assessing the effectiveness of their own and others' writing
- **e245** proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- **e246** ensuring the consistent and correct use of tense throughout a piece of writing
- **e248** proof-read for spelling and punctuation errors

Writing - vocabulary, grammar and punctuation UKS2

- **e252** using passive verbs to affect the presentation of information in a sentence
- **e254** using expanded noun phrases to convey

English

This term we will be focusing on improving our composition skills in writing, we will be writing a variety of texts across the curriculum to develop our editing and drafting skills as well as ensuring grammar and handwriting are improving.

In English lessons we will be creating a balanced argument, setting a narrative scene and exploring myths and fantasy stories. Our class novel is Peter Pan and our writing will be based around this and other fantasy stories.

PE

This half term the children will be studying cricket skills and the rules of the game with a cricket coach. They will also begin their athletics sessions where they will be learning a variety of skills and techniques to improve.

PSED

This half term our PSED is linked to maths where the children will be learning fantasy budgeting skills.

Fantastic Travellers (y6t5)

Science

This half term we will be looking at evolution, we will begin by studying fossils and linking this knowledge to evolution before looking closer to home and at our own families for information about inheritance. We will then extend our knowledge to natural selection and adaptation before creating our own fantasy creature and tracing its evolution back to familiar animals.

Geography

We will be looking at map making and scaling through this half term, creating fantasy universes and ensuring that we can represent them on a map. We will also be creating our own travel brochures of fantasy lands.

UNDERSTANDING THE WORLD

Evolution and inheritance UKS2

- **sc107** recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- **sc108** recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- **sc109** identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

- **ge53** I know the major cities in the countries I can identify
- **ge54** I can talk about the environmental regions and key human and physical characteristics of the countries I can identify

Place knowledge UKS2

I can describe the geographical similarities and differences of the physical features of contrasting locations in the UK, Europe and a region of North and South America

Location knowledge UKS2

- **ge51** I can identify the countries of Europe (including Russia) on a map or globe
- **ge52** I can identify North and South America on a map or globe

Geographical skills and fieldwork UKS2

- **ge70** I can use a variety of paper-based and digital resources to locate and identify places and features around the world

PSED & RELIGIOUS EDUCATION

PSED Developing confidence and responsibility and making the most of their abilities UKS2

- **pc47** Continue to develop the skills they need to make their contribution in the future.

- **pc49** Look after their money and realise that future wants and needs may be met through saving.

Fantastic Travellers (y6t5) - Stage Coverage

UNDERSTANDING THE WORLD

Evolution and inheritance UKS2

- **sc107** recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- **sc108** recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- **sc109** identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Location knowledge UKS2

- **ge51** locate the world's countries, using maps to focus on Europe (including the location of Russia)
- **ge52** locate the world's countries, using maps to focus North and South America,
- **ge53** locate the world's countries, using maps to focus on major cities
- **ge54** locate the world's countries, using maps to focus on their environmental regions, key physical and human characteristics

Place knowledge UKS2

- **ge62** understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America

Geographical skills and fieldwork UKS2

- **ge70** use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

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PHYSICAL EDUCATION

UKS2

- **pe11** use running, jumping, throwing and catching in isolation
- **pe11.1** use running, jumping, throwing and catching in combination
- **pe12** play competitive games, modified where appropriate
- **pe13** develop flexibility, strength, technique, control and balance, for example through athletics

EXPRESSIVE ARTS AND DESIGN

UKS2

- **ad16** to create sketch books to record their observations and use them to review and revisit ideas
- **ad18** to improve their mastery of art and design techniques, including drawing with pencil and charcoal
- **ad19** to improve their mastery of art and design techniques, including painting with a range of materials

LITERACY

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Writing - transcription - Spelling UKS2

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- **e224** spell some words with 'silent' letters [for example, knight, psalm, solemn]
- **e225** continue to distinguish between homophones and other words which are often confused
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