

Year 5 Curriculum Objective Overview

Autumn Term

Change

English - Biography and Poetry (Highwayman)

Writing / GPS

- Spell some words with a 'silent' letter b
- Spell word ending in -ible
- Spell words ending in -able
- Spell words with a 'silent' letter t
- Use dictionaries to check the spelling and meaning of words
- Write relative clauses beginning with who, which, where, when, whose, that, or an omitted relative pronoun
- Use commas to indicate parenthesis
- Indicate degrees of possibility using modal verbs (e.g. might, should, will, must)
- Link ideas across paragraphs using adverbials of time (e.g. later), place (e.g. nearby) and number (e.g. secondly)
- Use commas to mark clauses

Reading

- Read further exception words, noting the unusual correspondences between spelling and sound
- Attempt pronunciation of unfamiliar words drawing on prior knowledge of similar looking words
- Re-read and read ahead to check for meaning
- Read non-fiction texts and identify the purpose, structure and grammatical features, evaluating how effective they are
- Identify significant ideas, events and characters; and discuss their significance
- Make predictions from what has been read
- Summarise the main ideas drawn from a text
- Identify how language, structure and presentation contribute to the meaning of a text
- Express a personal point of view about a text, giving reasons
- Present a personal point of view based on what has been read
- Listen to others' personal point of view
- Know the difference between fact and opinion

Maths

- Read and write numbers up to 1 000 000 and determine the value of each digit
- Order and compare numbers up to 1 000 000 and determine the value of each digit
- Read and write decimal numbers as fractions (for example, $0.71 = 71/100$)
- Add whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- Subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- Add numbers mentally with increasingly large numbers
- Subtract numbers mentally with increasingly large numbers
- Multiply numbers up to 4 digits by a one-digit number using a formal written method, including long multiplication for two-digit numbers
- 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
- Multiply whole numbers and those involving decimals by 10, 100 and 1000
- Divide whole numbers and those involving decimals by 10, 100 and 1000
- Convert between different units of metric measure for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre
- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers
- Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- Add and subtract fractions with the same denominator
- Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number
- Solve problems involving converting between units of time
- Distinguish between regular and irregular polygons based on reasoning about equal sides and angles
- Use the properties of rectangles to deduce related facts and find missing lengths and angles
- Identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- Round any number up to 1 000 000 to the nearest 10, 100, 1000
- Know multiplication facts for $2x$, $5x$, $10x$, $11x$, $9x$, $4x$ and $3x$ and corresponding division facts

Science - Properties and changes of materials

- Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Using test results to make predictions to set up further comparative and fair tests
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in

results, in oral and written forms such as displays and other presentations

- Identifying scientific evidence that has been used to support or refute ideas or arguments
- Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda

Art and Design - Face portraits and Highwayman sketches

- Create sketch books to record observations and use them to review and revisit ideas
- Improve mastery of art and design techniques, including drawing, painting and sculpture with a range of materials

Computing - E-safety and Flowall

- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact
- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller 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 algorithms and programs

Design and Technology - Pizzas - Savoury cooking

- 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 ideas through discussion and annotated sketches
- Select from and use a wider range of materials and components, including ingredients, according to their functional properties and aesthetic qualities
- Investigate and analyse a range of existing products
- Evaluate ideas and products against own design criteria and consider the views of others to improve work
- Understand and apply the principles of a healthy and varied diet
- Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques

Geography - Watch out, we're about!

Locational Knowledge

- 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 have changed over time.

Place Knowledge

- understand geographical features through the study of human and physical geography of a region of the United Kingdom (Drifffield)

Human and physical geography

Describe and understand the key aspects of:

- physical geography, including: climate zones, biomes and vegetation belts, rivers and the water cycle
- human geography, including: type of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water

Geographical skills and fieldwork

- use maps, atlases, globes and digital computer mapping to locate countries and describe features studied
- use eight points of a compass and four figure grid references, symbols and keys (including the use of OS maps) to build their knowledge of the United Kingdom
- use field work to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs and digital technologies

History- The Changing Power of Monarchs

- A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066

Languages - French

- 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
- Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- Present ideas and information orally to a range of audiences
- Read carefully and show understanding of words, phrases and simple writing
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Use basic grammar (un, une etc)
- Note key features and patterns of the language including different verb forms)
- Build sentences and be aware of how these are different to English

Music - Don't Stop Believing - rock, Five Gold Rings

- Listen with attention to detail and recall sounds with increasing aural memory
- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians

- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

Physical Education - Football, Gymnastics and Hockey

- Play competitive games (football and hockey), modified where appropriate, and apply basic principles suitable for attacking and defending
- Develop flexibility, strength, technique, control and balance through gymnastics

RE - Expressions of Faith

- Continue to follow locally agreed syllabus for RE

Spring Term

Ancient Greece

English - Myths and Legends

Writing / GPS

- Spell words ending in -ibly and -ably
- Spell words ending in -ent
- Spell words ending in -ence
- Change nouns or adjectives into verbs using suffixes (e.g. -ate; -ise; -ify)
- Use dashes to indicate parenthesis
- Use words to build cohesion within a paragraph (then, after that, firstly)
- Ensure the correct subject and verb agreement when using singular and plural
- Ensure the consistent and correct use of tense throughout a piece of writing
- Describe settings
- Describe characters



Reading

- Apply knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of unfamiliar words
- Be familiar with and talk about a wide range of books and text types, including myths, legends and traditional stories and books from other cultures and traditions
- Discuss the features of each
- Use meaning-seeking strategies to explore the meaning of words in context
- Identify and comment on a writer's use of language for effect, for example, precisely chosen adjectives, similes and personification
- Identify the effect of the context on a text; for example, historical context or other cultures
- Make connections between other similar texts, prior knowledge and experience
- Compare different versions of texts and talk about their differences and similarities
- Present an oral overview or summary of a text
- Explain a personal point of view and give reasons

Maths

- Know multiplication facts for 6,7,8,12 and corresponding division facts
- Round any number up to 1 000 000 to the nearest 10 000 and 100 000
- Round decimals with two decimal places to the nearest whole number
- Round decimals with two decimal places to the nearest one decimal place

- Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
- Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)
- Compare and order fractions whose denominators are all multiples of the same number
- Add and subtract fractions with denominators that are multiples of the same number
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²)
- Estimate the area of irregular shapes
- Identify angles at a point and one whole turn (total 360 degrees)
- Identify angles at a point on a straight line and a turn (total 180 degrees)
- Identify other multiples of 90 degrees
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- Draw given angles, and measure them in degrees
- Read and write decimal numbers as fractions for example, 0.71 = 71/100
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

Science

Art and Design - Modroc masks

- Create sketch books to record their observations and use them to review and revisit ideas
- Improve mastery of art and design techniques, including drawing, painting and sculpture with a range of materials

Computing - Internet searches - ranking, Animation (Greek Myths) and I-stop motion

- Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration
- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Design and Technology

Geography - The Angry Earth and European map work

Locational Knowledge

- 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
- identify the position of and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

Place Knowledge

- understand geographical similarities and differences through the study of human and physical geography of a region in a European country (Iceland) and a region within North America (California and Alaska) or South America (Ring of Fire)

Human and physical geography

Describe and understand the key aspects of:

- physical geography, including volcanoes and earthquakes
- human geography, including types of settlement and land use, and the distribution of natural resources including energy

Geographical skills and fieldwork

- use maps, atlases, globes digital computer mapping to locate countries and describe features studied
- use eight points of a compass and four figure grid references, symbols and keys (including the use of OS maps) to build their knowledge of the United Kingdom and the wider world

History - Ancient Greece

- Ancient Greece - a study of Greek life and achievements and their influence on the western world

Languages - French

- 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
- Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- Present ideas and information orally to a range of audiences
- Read carefully and show understanding of words, phrases and simple writing
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Write phrases from memory, and adapt these to create new sentences, to express ideas clearly
- Use basic grammar (un, une etc)
- Note key features and patterns of the language (including different verb forms)
- Build sentences and be aware of how these are different to English

Music - Classroom Jazz and BB Blues

- Listen with attention to detail and recall sounds with increasing aural memory
- Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers

and musicians

- Develop an understanding of the history of music

Physical Education - Basketball and Netball and Dance and Outdoor Challenge

- Play competitive games (netball and basketball) , and apply basic principles suitable for attacking and defending
- Perform dances using a range of movement patterns
- Take part in outdoor and adventurous activity challenges both individually and within a team

RE - Faith in Action

- Continue to follow locally agreed syllabus for RE

Forces

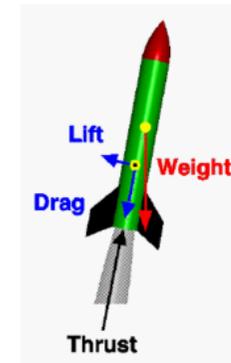
English

Writing / GPS

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- Ensure the consistent and correct use of tense throughout a piece of writing
- Describe settings
- Describe characters

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- Discuss the features of each
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- Identify the effect of the context on a text; for example, historical context or other cultures
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- Compare different versions of texts and talk about their differences and similarities
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- Estimate the area of irregular shapes
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- Identify angles at a point on a straight line and a turn (total 180°)
- Identify other multiples of 90°
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- Draw given angles, and measure them in degrees
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- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

Science - Forces

- Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Using test results to make predictions to set up further comparative and fair tests
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in

results, in oral and written forms such as displays and other presentations

- Identifying scientific evidence that has been used to support or refute ideas or arguments
- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect

Art and Design

Computing

Design and Technology - Cams

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
- 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

Evaluate

- investigate and analyse a range of existing products
- evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

Technical knowledge

- apply their understanding of how to strengthen, stiffen and reinforce more complex structures
- understand and use mechanical systems in their products (for example, gears and cams)

Geography

History

Languages - French

- 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
- Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- Present ideas and information orally to a range of audiences

- Read carefully and show understanding of words, phrases and simple writing
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Write phrases from memory, and adapt these to create new sentences, to express ideas clearly

Music

Physical Education - Tag rugby and dance

- Play competitive games (rugby) , modified where appropriate, and apply basic principles suitable for attacking and defending
- Develop flexibility, strength, technique, control and balance
- Perform dances using a range of movement patterns

RE - Faith in Action

- Continue to follow locally agreed syllabus for RE

Summer Term

Rivers

English - Imaginative poetry, recount, description, instructions, persuasive letter

Writing / GPS

- Spell words containing -ei /ee/ sound
- Spell words ending in -ant and -ance
- Spell words ending in -cious /shus/ sound
- Use verb prefixes (e.g. dis-, de-, mis-, over- and re-)
- Use brackets to indicate parenthesis
- Use commas to mark clauses
- Use commas to make the meaning clear
- In narratives, integrate dialogue to convey character and advance action
- Indicate degrees of possibility using adverbs (e.g. perhaps, surely)



Reading

- Recite poems by heart, e.g. narrative verse, haiku
- Prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone, volume and action
- Use meaning-seeking strategies to explore the meaning of words in context
- Identify grammatical features used by the writer (rhetorical questions, varied sentence lengths, varied sentence starters, empty words) to impact on the reader
- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions
- Justify inferences with evidence from the text
- Listen to and build on others' ideas and opinions about a text
- Present the author's viewpoint of a text
- Use my knowledge of structure of text type to find key information
- Use text marking to identify key information in a text
- Make notes from text marking

Maths

- Know multiplication facts for 6,7,8,12 and corresponding division facts
- Round any number up to 1 000 000 to the nearest 10 000 and 100 000
- Round decimals with two decimal places to the nearest whole number
- Round decimals with two decimal places to the nearest one decimal place

- Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
- Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)
- Compare and order fractions whose denominators are all multiples of the same number
- Add and subtract fractions with denominators that are multiples of the same number
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²)
- Estimate the area of irregular shapes
- Identify angles at a point and one whole turn (total 360 degrees)
- Identify angles at a point on a straight line and a turn (total 180 degrees)
- Identify other multiples of 90 degrees
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- Draw given angles, and measure them in degrees
- Read and write decimal numbers as fractions for example, 0.71 = 71/100
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

Science

Art and Design - Hockney - painting and printing

- Create sketch books to record their observations and use them to review and revisit ideas
- Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay)
- Learn about great artists, architects and designers in history

Computing - Excel - plotting river depths

- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Design and Technology

Geography- Water: Friend or Foe?

Locational Knowledge

- 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
- identify the position of and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

Place Knowledge

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

Describe and understand the key aspects of:

- physical geography, including climate zones, rivers and the water cycle
- human geography, including types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

Geographical skills and fieldwork

- use maps, atlases, globes and digital computer mapping to locate countries and describe features studied
- use eight points of a compass and four and six figure grid references, symbols and keys (including the use of OS maps) to build their knowledge of the United Kingdom and the wider world
- use field work to observe, measure, record and present the human and physical features in the area (Dalby Forest) using a range of methods, including sketch maps, plans and graphs and digital technologies

History

Languages - French

- 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
- Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- Present ideas and information orally to a range of audiences
- Read carefully and show understanding of words, phrases and simple writing
- Broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Write phrases from memory, and adapt these to create new sentences, to express ideas clearly
- Use basic grammar (un, une etc)
- Note key features and patterns of the language (including different verb forms)
- Build sentences and be aware of how these are different to English

Music - Stop - Grime, Classical Bhangra, Tango, Latin fusion

Reflect, Rewind, Replay

- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- Improvise and compose music for a range of purposes using the inter-related dimensions of music

Physical Education - Tennis and Athletics

- Play competitive games (tennis), modified where appropriate, and apply basic principles suitable for attacking and defending
- Develop flexibility, strength, technique, control and balance through athletics
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best

RE - Pilgrimage

- Continue to follow locally agreed syllabus for RE

Science

English - Non-chronological report

Writing

- Spell words containing -ei /ee/ sound
- Spell words ending in -ant and -ance
- Spell words ending in -cious /shus sound
- Use verb prefixes (e.g. dis-, de-, mis-, over- and re-)
- Use brackets to indicate parenthesis
- Use commas to mark clauses
- Use commas to make the meaning clear
- In narratives, integrate dialogue to convey character and advance action
- Indicate degrees of possibility using adverbs (e.g. perhaps, surely)

Reading

- Recite poems by heart, e.g. narrative verse, haiku
- Prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone, volume and action
- Use meaning-seeking strategies to explore the meaning of words in context.
- Identify grammatical features used by the writer (rhetorical questions, varied sentence lengths, varied sentence starters, empty words) to impact on the reader



- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions
- Justify inferences with evidence from the text
- Listen to and build on others' ideas and opinions about a text
- Present the author's viewpoint of a text
- Use my knowledge of structure of text type to find key information
- Use text marking to identify key information in a text
- Make notes from text marking

Maths

- Know multiplication facts for 6,7,8,12 and corresponding division facts
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- Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
- Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)
- Compare and order fractions whose denominators are all multiples of the same number
- Add and subtract fractions with denominators that are multiples of the same number
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²)
- Estimate the area of irregular shapes
- Identify angles at a point and one whole turn (total 360 degrees)
- Identify angles at a point on a straight line and a turn (total 180 degrees)
- Identify other multiples of 90 degrees
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- Draw given angles, and measure them in degrees
- Read and write decimal numbers as fractions [for example, 0.71 = 71/100]
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents

Science - Earth and space

- 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 bodies
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky

Living things and their habitats

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- Describe the life process of reproduction in some plants and animals

Animals, including humans

- Describe the changes as humans develop to old age

Art and Design - Felting

- Create sketch books to record their observations and use them to review and revisit ideas
- Improve mastery of art and design techniques, with a range of materials

Computing - E-safety

- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact

Design and Technology

Geography

History

Languages - French

- 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
- Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- Present ideas and information orally to a range of audiences
- Read carefully and show understanding of words, phrases and simple writing
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Write phrases from memory, and adapt these to create new sentences, to express ideas clearly

Music - Stop - Grime, Classical Bhangra, Tango, Latin fusion. Reflect, rewind, replay

- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- Improvise and compose music for a range of purposes using the inter-related dimensions of music
- 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
- Develop an understanding of the history of music

Physical Education - Cricket/Rounders and Athletics

- Use running, jumping, throwing and catching in isolation and in combination
- Play competitive games (cricket/rounders), modified where appropriate, and apply basic principles suitable for attacking and defending
- Develop flexibility, strength, technique, control and balance through athletics
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best

RE - Pilgrimage

- Continue to follow locally agreed syllabus for RE