

Year 4 Curriculum Objective Overview

Autumn Term

The Americas

English - Poetry - The Magic Box

Writing / GPS

- Read and spell words with the prefix *mis*
- Read and spell words ending in *zhuh* (spelt *-sure*)
- Read and spell words with the prefix *-auto*
- Read and spell words with the suffix *-ly*
- Spell words that are often misspelt
- Use noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases
- Talk about how writing in a model text is structured, which words and grammar are used and use it to help plan own writing
- Increase the legibility, consistency and quality of handwriting
- Use fronted adverbials (e.g. Later that day, I heard the bad news)
- Use commas after fronted adverbials
- Create settings, characters and plot in my stories
- Read aloud my own writing, to a group or the whole class, using appropriate voice and controlling the tone and volume so that the meaning is clear



Reading

- Apply my knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of unfamiliar words
- Know which books to select for specific purposes, especially in relation to science, geography and history learning
- Use a dictionary to check the meaning of unfamiliar words
- Ask relevant questions to improve understanding of a text
- Predict what might happen from details stated and from the information deduced
- Identify some text type organisational features, for example, narrative, explanation and persuasion
- Build on others' ideas and opinions about a text in discussion

Maths

- Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- Order and compare numbers beyond 1000

- Add numbers with up to 4 digits using the formal written methods expanded of columnar addition
- Subtract numbers with up to 4 digits using a number line
- Find 1000 more or less than a given number
- Estimate and use inverse operations to check answers to a calculation
- Use chunking to divide numbers beyond the table facts
- Multiply tens and units by units using the grid method
- Know the multiplication and division facts for: 10s, 5s, 2s, 4s, 8s
- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
- Identify acute and obtuse angles and compare and order angles up to two right angles by size
- Identify lines of symmetry in 2-D shapes presented in different orientations
- Complete a simple symmetric figure with respect to a specific line of symmetry
- Count in multiples of 25 and 1000
- Identify, represent and estimate numbers using different representations

Science

Art and Design - Mayan Art - fabric print design

- Create sketch books to record observations and use them to review and revisit ideas
- Improve mastery of art and design techniques, including drawing with a range of materials
- Learn about artists in history

Computing - Revelation Natural Art, research skills, searches - e-safety

- 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
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of content that accomplish given goals
- 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 - South America

Locational Knowledge

- name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical and human 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 similarities and differences through the study of human and physical geography of a region of the United Kingdom (Driffield)

Human and physical geography

Describe and understand the key aspects of:

- physical geography, including: climate zones, biomes and vegetation belts and rivers
- 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 (two/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 Mayans Civilizations

- A non-European society that provides contrasts with British history - one study about AD 900; Mayan civilization

Languages - French

- 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
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Describe people, places, things and actions orally

Music - WOPS Drumming

- 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

Physical Education - Football and Dance

- Play competitive games (football), modified where appropriate, and apply basic principles suitable for attacking and defending
- Perform dances using a range of movement patterns

RE - Belief

- Continue to follow locally agreed syllabus for RE

Animals (including humans)

English - Traditional Tales - Maya Stories

- Read and spell words with the prefix *mis-*
- Read and spell words ending in *zhuh* (spelt *-sure*)
- Read and spell words with the prefix *-auto*
- Read and spell words with the suffix *-ly*
- Spell words that are often misspelt
- Use noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases
- Talk about how writing in a model text is structured, which words and grammar are used and use it to help plan own writing
- Increase the legibility, consistency and quality of handwriting
- Use fronted adverbials (e.g. Later that day, I heard the bad news)
- Use commas after fronted adverbials
- Create settings, characters and plot in my stories
- Read aloud own writing, to a group or the whole class, using appropriate voice and controlling the tone and volume so that the meaning is clear



Reading

- Apply knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of unfamiliar words
- Know which books to select for specific purposes, especially in relation to science, geography and history learning
- Use a dictionary to check the meaning of unfamiliar words
- Ask relevant questions to improve understanding of a text
- Predict what might happen from details stated and from the information deduced
- Identify some text type organisational features, for example, narrative, explanation and persuasion
- Build on others' ideas and opinions about a text in discussion
- Identify some text type organisational features, for example, narrative, explanation

Maths

- Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- Order and compare numbers beyond 1000
- Add numbers with up to 4 digits using the formal written methods expanded of columnar addition
- Subtract numbers with up to 4 digits using a number line
- Find 1000 more or less than a given number
- Estimate and use inverse operations to check answers to a calculation
- Use chunking to divide numbers beyond the table facts
- Multiply tens and units by units using the grid method

- Know the multiplication and division facts for: 10s, 5s, 2s, 4s, 8s
- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
- Identify acute and obtuse angles and compare and order angles up to two right angles by size
- Identify lines of symmetry in 2-D shapes presented in different orientations
- Complete a simple symmetric figure with respect to a specific line of symmetry
- Count in multiples of 25 and 1000 I can identify, represent and estimate numbers using different representations

Science - Animals, including humans (digestive system, teeth, food chains)

- Describe the simple functions of the basic parts of the digestive system in humans
- Identify the different types of teeth in humans and their simple functions
- Construct and interpret a variety of food chains, identifying producers, predators and prey

Art and Design - Collage

- Improve mastery of art and design techniques, with a range of materials

Computing - Espresso coding

- 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 - Vegetable soup

- 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 and annotated sketches
- Select from and use a wider range of materials and components, including ingredients, according to their functional properties and aesthetic qualities
- 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
- Understand seasonality, and know where and how a variety of ingredients are grown

Geography

History

Languages - French

- 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
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Describe people, places, things and actions orally

Music - WOPS Drumming

- 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

Physical Education - Hockey and Gymnastics

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

RE - Belief in Community

- Continue to follow locally agreed syllabus for RE

Spring Term

Sound

English - Explanation (linked to digestive system topic)

Writing / GPS

- Read and spell words with the prefix *-inter* (unit 5)
- Read and spell words with the *ay* sound spelt *igh, ei, ey* (unit 6)
- Read and spell words ending in *-ous* (unit 7)
- Read and spell words with the *s* sound spelt *sc* (unit 8)
- Read and spell words ending in *zhun* spelt *-sion* (unit 9)
- Extend the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although
- Use standard English forms for verbs (e.g. we were instead of we was, or I did instead of I done) (VCOP)
- Use simple organisational devices (e.g. headings and sub-headings) in my non-fiction writing.
- Organise paragraphs around a theme
- Use the first two or three letters of a word to check its spelling in a dictionary
- Assess the effectiveness of my own writing and suggest improvements



Reading

- Attempt pronunciation of unfamiliar words drawing on prior knowledge of similar looking words
- Identify the (simple) themes in texts
- Explain the meaning of words in context
- Infer meanings and begin to justify them with evidence from the text
- Identify where a writer has used precise word choices for effect to impact on the reader

Maths

- Identify the place value of tenths and hundredths in decimal numbers
- Divide a 1 or 2 digit number by 10 and 100
- Compare numbers with the same number of decimal places up to two decimal places
- Solve addition and subtraction problems involving money
- Compare numbers with the same number of decimal places up to two decimal places
- Subtract numbers with up to 4 digits using the formal written methods of expanded columnar subtraction
- Add numbers with up to 4 digits using the formal written methods of compact columnar addition
- Add and subtract fractions with the same denominator
- Count backwards through zero to include negative numbers
- Know the multiplication and division facts for: 6s, 9s, 7s, 11s

- Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs
- Estimate, compare and calculate different measures, including money in pounds and pence
- Convert between different units of measure (for example, kilometre to metre; hour to minute)
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- Find the area of rectilinear shapes by counting squares
- Read, write and convert time between analogue and digital 12- and 24-hour clocks
- Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
- Count in multiples of 6, 7 and 9
- Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value

Science - Sound

- Identify how sounds are made, associating some of them with something vibrating
- Recognise that vibrations from sounds travel through a medium to the ear
- Find patterns between the pitch of a sound and features of the object that produced it
- Find patterns between the volume of a sound and the strength of the vibrations that produced it
- Recognise that sounds get fainter as the distance from the sound source increases

Design Technology - Willy Wonka Day - making chocolate bars

- 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
- Investigate and analyse a range of existing products
- Evaluate their ideas and products against their own design criteria

Computing - Garage band (i-pad)

- Select, use and combine a variety of software on a range of digital devices to design and create a range of and content that accomplish given goals, including collecting, analysing and evaluating

Design and Technology - making musical instruments

- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose
- Generate, develop, model and communicate their ideas through discussion and annotated sketches
- Select from and use a wider range of tools and equipment to perform practical tasks accurately
- Select from and use a wider range of materials and components
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

Geography - North America Week

Locational Knowledge

- locate the world's countries, using maps to focus on North America, concentrating on its environmental regions, key physical and human characteristics, countries and major cities
- identify the position of and significance of the 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 North America (The Rockies)

Human and physical geography

Describe and understand the key aspects of:

- physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, 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 (two/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

Languages - French

- 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
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Describe people, places, things and actions orally and in writing
- Appreciate stories, songs, poems and rhymes in the language

Music - WOPS Drumming

- 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

Physical Education - Basketball and Netball and Gymnastics

- Play competitive games (netball and basketball) , and apply basic principles suitable for attacking and defending
- Develop flexibility, strength, technique, control and balance through gymnastics

RE - Saints and Heroes

- Continue to follow locally agreed syllabus for RE

States of Matter

English

Writing / GPS

- Read and spell words with the prefix *-inter* (unit 5)
- Read and spell words with the *ay* sound spelt *igh, ei, ey* (unit 6)
- Read and spell words ending in *-ous* (unit 7)
- Read and spell words with the *s* sound spelt *sc* (unit 8)
- Read and spell words ending in *zhun* spelt *-sion* (unit 9)
- Extend the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although
- Use standard English forms for verbs (e.g. we were instead of we was, or I did instead of I done) (VCOP)
- Use using simple organisational devices (e.g. headings and sub-headings) in my non-fiction writing
- Organise paragraphs around a theme
- Use the first two or three letters of a word to check its spelling in a dictionary
- Assess the effectiveness of my own writing and suggest improvements



Reading

- Attempt pronunciation of unfamiliar words drawing on prior knowledge of similar looking words
- Identify the (simple) themes in texts
- Explain the meaning of words in context
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Maths

- Identify the place value of tenths and hundredths in decimal numbers
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- Compare numbers with the same number of decimal places up to two decimal places
- Solve addition and subtraction problems involving money
- Compare numbers with the same number of decimal places up to two decimal places
- Subtract numbers with up to 4 digits using the formal written methods of expanded columnar subtraction

- Add numbers with up to 4 digits using the formal written methods of compact columnar addition
- Add and subtract fractions with the same denominator
- Count backwards through zero to include negative numbers
- Know the multiplication and division facts for: 6s, 9s, 7s, 11s
- Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.
- Estimate, compare and calculate different measures, including money in pounds and pence
- Convert between different units of measure (for example, kilometre to metre; hour to minute)
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- Find the area of rectilinear shapes by counting squares
- Read, write and convert time between analogue and digital 12- and 24-hour clocks
- Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
- Count in multiples of 6, 7 and 9
- Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value

Science - States of matter, effects of temperature

- Ask relevant questions and using different types of scientific enquiries to answer them
- Set up simple practical enquiries, comparative and fair tests
- Make systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
- Gather, record, classify and present data in a variety of ways to help in answering questions
- Record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
- Identify differences, similarities or changes related to simple scientific ideas and processes
- Use straightforward scientific evidence to answer questions or to support their findings
- Compare and group materials together, according to whether they are solids, liquids or gases
- Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius ($^{\circ}\text{C}$)
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature

Art and Design - Featured artist Picasso

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

- Learn about great artists

Computing - Databases - creating graphs (science data)

- Select, use and combine a variety of software 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

History

Languages - French

- 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
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Describe people, places, things and actions orally and in writing
- Appreciate stories, songs, poems and rhymes in the language

Music - WOPS Drumming

- 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

Physical Education - Outdoor Challenges

- Take part in outdoor and adventurous activity challenges both individually and within a team

RE - Saints and Heroes

- Continue to follow locally agreed syllabus for RE

Electricity

English - Recount

Writing / GPS

- Read and spell words with the prefix *-inter* (unit 5)
- Read and spell words with the *ay* sound spelt *igh, ei, ey* (unit 6)
- Read and spell words ending in *-ous* (unit 7)
- Read and spell words with the *s* sound spelt *sc* (unit 8)
- Read and spell words ending in *zhun* spelt *-sion* (unit 9)
- Extend the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although
- Use standard English forms for verbs (e.g. we were instead of we was, or I did instead of I done) (VCOP)
- Use simple organisational devices (e.g. headings and sub-headings) in non-fiction writing
- Organise paragraphs around a theme
- Use the first two or three letters of a word to check its spelling in a dictionary
- Assess the effectiveness of my own writing and suggest improvements



Reading

- Attempt pronunciation of unfamiliar words drawing on prior knowledge of similar looking words
- Identify the (simple) themes in texts
- Explain the meaning of words in context
- Infer meanings and begin to justify them with evidence from the text
- Identify where a writer has used precise word choices for effect to impact on the reader

Maths

- Identify the place value of tenths and hundredths in decimal numbers
- Divide a 1 or 2 digit number by 10 and 100
- Compare numbers with the same number of decimal places up to two decimal places
- Solve addition and subtraction problems involving money
- Compare numbers with the same number of decimal places up to two decimal places
- Subtract numbers with up to 4 digits using the formal written methods of expanded columnar subtraction
- Add numbers with up to 4 digits using the formal written methods of compact columnar addition
- Add and subtract fractions with the same denominator
- Count backwards through zero to include negative numbers
- Know the multiplication and division facts for: 6s, 9s, 7s, 11s
- Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs
- Estimate, compare and calculate different measures, including money in pounds and pence
- Convert between different units of measure (for example, kilometre to metre; hour to minute)
- Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- Find the area of rectilinear shapes by counting squares
- Read, write and convert time between analogue and digital 12- and 24-hour clocks
- Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
- Count in multiples of 6, 7 and 9
- Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value

Science - Electricity

- Ask relevant questions and use different types of scientific enquiries to answer them
- Setting up simple practical enquiries, comparative and fair tests
- Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment
- Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- Reporting on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions
- Use results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions
- Identify differences, similarities or changes related to simple scientific ideas and processes
- Use straightforward scientific evidence to answer questions or to support their findings
- Identify common appliances that run on electricity
- Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- Recognise some common conductors and insulators, and associate metals with being good conductors

Art and Design

Computing - Coding - Logo

- 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

Geography

History

Languages - French

- 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
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Describe people, places, things and actions orally and in writing
- Appreciate stories, songs, poems and rhymes in the language

Music - WOPS Drumming

- 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

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 - Saints and Heroes

- Continue to follow locally agreed syllabus for RE

Summer Term

Vikings

English - Historical story

Writing / GPS

- Read and spell words when *-il* is added (unit 10)
- Read and spell words with the *c* sound spelt *-que* and the *g* sound spelt *-gue* (unit 11)
- Read and spell words beginning with that have *ir-* added (unit 12)
- Read and spell words with the suffix *-ion* (unit 13)
- Read and spell words more further words with the suffix *-ion* (unit 14)
- Suggest changes to words, grammar and punctuation
- Know the grammatical difference between plural and possessive *-s* (VCOP)
- Use inverted commas and other punctuation to indicate direct speech (e.g. a comma after the reporting clause; end punctuation within inverted commas: The conductor shouted, "Sit down!")
- Place the possessive apostrophe accurately in words with regular plurals (e.g. girls', boys' and in words with irregular plurals e.g. children's)
- Choose appropriate pronouns or nouns within and across sentences to aid cohesion and avoid repetition
- Assess the effectiveness of my own writing and suggest improvements



Reading

- Read further exception words, noting the unusual correspondences between spelling and sound
- Discuss and record words and phrases that writers use to engage and impact on the reader
- Identify some of the literary conventions in different texts
- Prepare poems to read aloud and to perform, showing understanding through intonation, tone, volume and action
- Identify some persuasion text type organisational features
- Build on others' ideas and opinions about a text in discussion

Maths

- Subtract numbers with up to 4 digits using the formal written methods of compact columnar subtraction
- Round any number to the nearest 10, 100 or 1000
- Round any decimal to the nearest whole number
- Solve problems involving measure
- Recognise and write decimal equivalents to a quarter, a half and three quarters
- Recognise and show, using diagrams, families of common equivalent fractions
- Find the fraction of given number e.g. $\frac{1}{5}$ of 20 = 4 therefore $\frac{2}{5}$ of 20 = 8
- Recognise and use factor pairs and commutativity in mental calculations (fact families)

- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- Know the multiplication and division facts for: 12s and all of the tables learnt this year
- Describe positions on a 2-D grid as coordinates in the first quadrant
- Describe movements between positions as translations of a given unit to the left/right and up/down
- Plot specified points and draw sides to complete a given polygon
- Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Science

Art and Design - Clay - Viking oil lamps

- Improve mastery of art and design techniques, including sculpture with clay

Computing - Website interactive Viking museum

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

Design and Technology - Weaving

- Select from and use a range of materials accurately (including textiles) according to their function, properties and aesthetic
- Select from and use a range of tools and equipment to perform practical tasks

Geography - Maps - UK and Europe - Settlement geography

- Locate the world's countries, using maps to focus on Europe concentrating on their environmental regions, key physical and human characteristics, countries, and major cities
- Use maps and atlases to locate countries
- 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

History - Invaders and settlers - Viking focus Chronological order - Saxons

- Britain's settlement by Anglo-Saxons and Scots
- The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor

Languages - French

- 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
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Describe people, places, things and actions orally and in writing
- Appreciate stories, songs, poems and rhymes in the language
- Read carefully and show understanding of words, phrases and simple writing
- Write phrases from memory, and adapt these to create new sentences, to express ideas clearly

Music - WOPS Drumming

- 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

Physical Education- Tennis and Swimming

- Play competitive games (tennis), modified where appropriate, and apply basic principles suitable for attacking and defending
- Swim 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

RE - Our World

- Continue to follow locally agreed syllabus for RE

Living things and their habitats

English - Persuasion

Writing/ GPS

- Read and spell words when *-il* is added (unit 10)
- Read and spell words with the *c* sound spelt *-que* and the *g* sound spelt *-gue* (unit 11)
- Read and spell words beginning with that have *ir-* added (unit 12)
- Read and spell words with the suffix *-ion* (unit 13)
- Read and spell words more further words with the suffix *-ion* (unit 14)



- Suggest changes to words, grammar and punctuation
- Know the grammatical difference between plural and possessive -s (VCOP)
- Use inverted commas and other punctuation to indicate direct speech (e.g. a comma after the reporting clause; end punctuation within inverted commas: The conductor shouted, "Sit down!")
- Place the possessive apostrophe accurately in words with regular plurals (e.g. girls', boys' and in words with irregular plurals e.g. children's)
- Choose appropriate pronouns or nouns within and across sentences to aid cohesion and avoid repetition
- Assess the effectiveness of my own writing and suggest improvements

Reading

- Read further exception words, noting the unusual correspondences between spelling and sound
- Discuss and record words and phrases that writers use to engage and impact on the reader
- Identify some of the literary conventions in different texts
- Prepare poems to read aloud and to perform, showing understanding through intonation, tone, volume and action
- Identify some persuasion text type organisational features
- Build on others' ideas and opinions about a text in discussion

Maths

- Subtract numbers with up to 4 digits using the formal written methods of compact columnar subtraction
- Round any number to the nearest 10, 100 or 1000
- Round any decimal to the nearest whole number
- Solve problems involving measure
- Recognise and write decimal equivalents to a quarter, a half and three quarters
- Recognise and show, using diagrams, families of common equivalent fractions
- Find the fraction of given number e.g. $\frac{1}{5}$ of 20 = 4 therefore $\frac{2}{5}$ of 20 = 8
- Recognise and use factor pairs and commutativity in mental calculations (fact families)
- Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
- Know the multiplication and division facts for: 12s and all of the tables learnt this year
- Describe positions on a 2-D grid as coordinates in the first quadrant
- Describe movements between positions as translations of a given unit to the left/right and up/down
- Plot specified points and draw sides to complete a given polygon
- Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
- Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number

Science - Living things and their habitats

- Recognise that living things can be grouped in a variety of ways
- Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- Recognise that environments can change and that this can sometimes pose dangers to living things

Art and Design - Sketching/ painting landscapes

- 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 with a range of materials

Computing

Design and Technology

Geography

History

Languages - French

- 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
- Broaden vocabulary and develop ability to understand new words that are introduced into familiar written material, including through using a dictionary
- Describe people, places, things and actions orally and in writing
- Appreciate stories, songs, poems and rhymes in the language
- Read carefully and show understanding of words, phrases and simple writing
- Write phrases from memory, and adapt these to create new sentences, to express ideas clearly
- Explain the main points in a short passage
- Use a bilingual dictionary or glossary to look up new words
- Write phrases from memory

Music - WOPS Drumming

- 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

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 - Our World

- Continue to follow locally agreed syllabus for RE