### **Year 4 English**

### **Spoken Language**

- I ask questions to clarify or develop my understanding.
- I can sequence, develop and communicate ideas in an organised and logical way, always using complete sentences.
- I show that I understand the main point and the details in a discussion.
- I adapt what I am saying to the needs of the listener or audience (increasingly).
- I show that I know that language choices vary in different contexts.

- I can present to an audience using appropriate intonation; controlling the tone and volume so that the meaning is clear.
- I can justify an answer by giving evidence.
- I use Standard English when it is required.
- I can perform poems or plays from memory, conveying ideas about characters and situations by adapting expression and tone.

### Reading

### **Word Reading**

- I can apply knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of unfamiliar words.
- I can read further exception words, noting the unusual correspondences between spelling and sound.
- I attempt pronunciation of unfamiliar words drawing on prior knowledge of similar looking words.

### Comprehension

- I know which books to select for specific purposes, especially in relation to science, geography and history learning.
- I can use a dictionary to check the meaning of unfamiliar words.

- I can discuss and record words and phrases that writers use to engage and impact on the reader.
- I can identify some of the literary conventions in different texts.
- I can identify the (simple) themes in texts.
- I can prepare poems to read aloud and to perform, showing understanding through intonation, tone, volume and action.
- I can explain the meaning of words in context.
- I can ask relevant questions to improve my understanding of a text.
- I can infer meanings and begin to justify them with evidence from the text.
- I can predict what might happen from details stated and from the information I have deduced.
- I can identify where a writer has used precise word choices for effect to impact on the reader.
- I can identify some text type organisational features, for example, narrative, explanation and persuasion.
- I can retrieve information from non-fiction texts.
- I can build on others' ideas and opinions about a text in discussion.

### **Writing: Spellings**

- I can spell words with prefixes and suffixes and can add them to root words.
- I can recognise and spell homophones.
- I can use the first two or three letters of a word to check a spelling in a dictionary.
- I can spell the commonly mis-spelt words from the Y3/4 word list.



### **Year 4 English**

### **Writing: Composition**

- I can compose sentences using a range of sentence structures.
- I can orally rehearse a sentence or a sequence of sentences.
- I can write a narrative with a clear structure, setting and plot.
- I can improve my writing by changing grammar and vocabulary to improve consistency.
- I use a range of sentences which have more than one clause.
- I can use appropriate nouns and pronouns within and across sentences to support cohesion and avoid repetition.
- I can use direct speech in my writing and punctuate it correctly.

### **Handwriting**

- I can use the diagonal and horizontal strokes that are needed to join letters.
- I understand which letters should be left unjoined.
- My handwriting is legible and consistent; down strokes of letters are parallel and equidistant; lines of writing are spaced sufficiently so that ascenders and descenders of letters do not touch

### **Grammar and Puntuation**

### Sentence structure

- I can use noun phrases which are expanded by adding modifying adjectives, nouns and preposition phrases.
- I can use fronted adverbials.

### Text structure

- I can write in paragraphs.
- I make an appropriate choice of pronoun and noun within and across sentences.

### **Punctuation**

- I can use inverted commas and other punctuation to indicate direct speech.
- I can use apostrophes to mark plural possession.
- · I use commas after fronted adverbials.

### **Year 4 Maths**

### Number, place value, approximation and estimation/rounding

### **Calculations**

- I can count in multiples of 6, 7, 9, 25 and 1,000.
- I can order and compare numbers beyond 1,000.
- I can find 1,000 more or less than a given number.
- I recognise the place value of each digit in a 4-digit number.
- I can read Roman numerals to 100 and know that over time the numeral system changed to include the concept of zero and place value.
- I can identify, represent and estimate numbers using different representations.
- I can round any number to the nearest 10, 100 or 1,000.
- I can count backwards through zero to include negative numbers.
- I can solve number and practical problems with the above (involving increasingly large numbers).

### Fractions, Decimals and Percentages

- · I can count up and down in hundredths.
- I recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten.
- I recognise and show using diagrams, families of common equivalent fractions.
- I can add and subtract factions within the same denominator.
- I recognise and write decimal equivalents to 1/4, 1/2 and ¾.
- I recognise and write decimal equivalents of any number of tenths or hundredths.
- I can round decimals with one decimal place to the nearest whole number.
- I can compare numbers with the same number of decimal places up to 2 decimal places.
- I can find the effect of dividing a 1-digit or 2-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.
- I can solve problems involving increasingly harder factions and fractions to divide quantities, including non-unit fractions where the answer is a whole number.
- I can solve simple measure and money problems involving fractions and decimals to 2 decimal places.

- I can add and subtract numbers with up to 4-digits using the formal written methods of columnar addition and subtraction.
- I can estimate and use inverse operations to check answers in a calculation.
- I can solve addition and subtraction 2-step problems in contexts, deciding which operations and methods to use and why.
- I can recall multiplication and division facts up to 12x12.
- I can 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.
- I recognise and use factor pairs and commutativity in mental calculations.
- I can multiply 2-digit numbers by a 1-digit number using formal written layout.
- I can solve problems involving multiplying and adding, including using the distributive law to multiply 2-digit numbers by 1-digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Year 4 Maths			
Geometry: Properties of shapes	Measurement		
<ul> <li>I can compare and classify geometric shapes, including quadrilateral and triangles based on their properties and sizes.</li> <li>I can identify lines of symmetry in 2D shapes presented in different orientations.</li> <li>I can complete a simple symmetric figure with respect to a specific line of symmetry,</li> <li>I can identify acute and obtuse angles and compare and order angles up to two right angles by size.</li> <li>Position and Direction</li> <li>I can describe movements between positions as translations of a given unit to the left/right and up/down.</li> <li>I can describe positions on a 2D grid as coordinates in the first quadrant.</li> <li>I can plot specified points and draw sides to complete a given polygon</li> </ul>	<ul> <li>I can compare different measures, including money in £ and p.</li> <li>I can estimate different measures, including money in £ and p.</li> <li>I can calculate different measures. Including money in £ and p.</li> <li>I can read, write and convert time between analogue and digital 12 hour clocks.</li> <li>I can read, write and convert time between analogue and digital 24 hour clocks.</li> <li>I can solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</li> <li>I can convert between different units of measurements</li> <li>I can measure and calculate the perimeter of a rectilinear figure in cm and m.</li> <li>I can find the area of rectilinear shapes by counting squares.</li> <li>I can calculate different measures</li> </ul>		
Statistics			

- I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.
- I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

### **Year 4 Science**

### **Working scientifically**

- I can ask relevant scientific questions.
- I can use observations and knowledge to answer scientific questions.
- I can set up a simple enquiry to explore a scientific question.
- I can set up a test to compare two things.
- I can set up a fair test and explain why it is fair.
- I can make careful and accurate observations, including the use of standard units.
- I can use equipment, including thermometers and data loggers to make measurements.

- I can gather, record, classify and present data in different ways to answer scientific questions.
- I can use diagrams, keys, bar charts and tables; using scientific language.
- I can use findings to report in different ways, including oral and written explanations, presentation.
- I can draw conclusions and suggest improvements.
- I can make a prediction with a reason.
- I can identify differences, similarities and changes related to an enquiry.

# Biology: Living things and their habitats

- I can group living things in different ways.
- I can use classification keys to group, identify and name living things.
- I can create classification keys to group, identify and name living things (for others to use).
- I can describe how changes to an environment could endanger living things.

### Biology: Animals including humans

- I can identify and name the parts of the human digestive system.
- I can describe the functions of the organs in the human digestive system.
- I can identify and describe the different types of teeth in humans.
- I can describe the functions of different human teeth.
- I can use food chains to identify producers, predators and prey.
- I can construct food chains to identify producers, predators and prey.

### **Chemistry: States of matter**

- I can group materials based on their state of matter (solid, liquid, gas).
- I can describe how some materials can change state.
- I can explore how materials change state.
- I can measure the temperature at which materials change state.
- I can describe the water cycle.
- I can explain the part played by evaporation and condensation in the water cycle.
- I can explain the danger of direct sunlight and describe how to keep protected

### **Physics: Sound**

- I can describe how sound is made.
- I can explain how sound travels from a source to our ears.
- I can explain the place of vibration in hearing.
- I can explore the correlation between pitch and the object producing a sound.
- I can explore the correlation between the volume of a sound and the strength of the vibrations that produced it.
- I can describe what happens to a sound as it travels away from its source.

### **Physics: Electricity**

- I can identify and name appliances that require electricity to function.
- I can construct a series circuit.
- I can identify and name the components in a series circuit

(including cells, wires, bulbs, switches and buzzers).

- I can draw a circuit diagram.
- I can predict and test whether a lamp will light within a circuit.
- I can describe the function of a switch in a circuit.

  I can describe the difference between a conductor and insulators; giving examples of each

Year 4 Computing			
Algorithms and Programs	Data retrieving and organising	Communicating	
Use repeat instructions to draw regular shapes on screen, using commands Experiment with variables to control models Make turns specifying the degrees Give an on-screen robot specific directional instructions that takes them from x to y Make accurate predictions about the outcome of a program they have written	<ul> <li>Capture images using webcams, screen capture, scanning, visualiser and internet</li> <li>Choose images and download into a file</li> <li>Download images from the camera into files on the computer</li> <li>Copy graphics from a range of sources and paste into a desktop publishing program</li> </ul>	<ul> <li>Appreciate the benefits of ICT to send messages and to communicate</li> <li>Use the automatic spell checker to edit spellings</li> </ul>	
Using the Internet	Databases	Presentation	
Use a search engine to find a specific website Use note-taking skills to decide which text to copy and paste into a document Use tabbed browsing to open two or more web pages at the same time Open a link to a new window Open a document (PDF) and view it	<ul> <li>Input data into a prepared database</li> <li>Sort and search a database to answer simple questions</li> <li>Recognise what a spreadsheet is</li> <li>Use the terms 'cells', 'rows' and 'columns'</li> <li>Enter data, highlight and make bar charts</li> </ul>	<ul> <li>Create a lengthy presentation that move from side to side and is aimed at a specific audience</li> <li>Insert sound recordings into a multimedia presentation</li> <li>Know how to manipulate text, underline text, centre text, change font and size an save text to a folder</li> </ul>	



# **Year 4 Religious Education**

### Learning about religion:

- Can use a developing religious vocabulary to describe and show understanding of sources, practices, beliefs, ideas, feelings and experiences
- Can make links between them, and describe some similarities and differences both within and between religions
- Can describe the impact of religion on people's lives
- Can suggest meanings for a range of forms of religious expression

### **Learning from religion:**

- Can raise and suggest answers to, questions of identity, belonging, meaning, purpose, truth, values and commitments
- Can apply their ideas to their own and other people's lives
- Can describe what inspires and influences themselves and others

Hinduism	Christmas - Exploring the symbolism of light	Judaism
<ul> <li>What do you think God looks like?</li> <li>Recap one God can appear in different forms</li> <li>Story of Lakshmi</li> <li>Story of Krishna</li> <li>Symbols (Aum, Shrine, Puja set, Deities)</li> <li>Symbols (temple-Mandir, the cow)</li> <li>If you could invent your own God, what would it look like? (spiritual and moral values)</li> </ul>	<ul> <li>To give pupils an understanding of the Christian belief that Jesus is the, 'Light of the World'.</li> <li>Why is Jesus described as the Light of the World?</li> <li>What does the light do to the dark?</li> <li>Why is light such a powerful symbol?</li> <li>Is light a good metaphor for Jesus?</li> <li>The sun already lights the world so how can Jesus be the light?</li> <li>How did Jesus bring light?</li> <li>How does Jesus bring light?</li> </ul>	<ul> <li>Do you think we need to have celebrations of key events?</li> <li>The significance of Rosh Hashanah (Rosh Hashanah cards)</li> <li>The significance of Yom Kippur (link to Shofur)</li> <li>The significance of Pesach</li> <li>Passover Meal (link to Sedar plate)</li> <li>The significance of Shavuot</li> <li>Why do you think people have celebrations in different religions?</li> </ul>
Exploring Easter as a story of betrayal and trust	Islam	What is prayer?
To focus on the significance of the incidents of betrayal and trust in the Easter story.  What is trust?  How do we show trust?  Who do we trust? Why?  Why is trust important?  Why did Judas betray Jesus?  What does it mean to betray someone?  How does it feel to be betrayed?  What is forgiveness?  Have you ever forgiven someone?  Have you experienced being forgiven?	<ul> <li>Why do some religions need to fast?</li> <li>What is Ramadan? And why is it important?</li> <li>(focus also on the revealing of Qu'ran)</li> <li>Look at Sawm (4<sup>th</sup> Pillar) (discuss fasting)</li> <li>What is Eid-ul-fitr?</li> <li>Eid cards</li> <li>Celebratory meal at the end of Eid</li> <li>Would there be an important reason that you would fast for? Why?</li> </ul>	To ensure that the children know that prayer is a way of communicating with God and to know that we/Christians believe that God listens and responds.  • What is prayer?  • How do people pray?  • When do people pray?  • Why do people pray?  • Where do people pray?

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Knowledge and Understanding	Skills
<ul> <li>I understand the need for rules to keep me safe when exchanging learni ideas online.</li> <li>I recognise that information on the internet may not be accurate or relia may be used for bias, manipulation or persuasion.</li> <li>I understand that the internet contains fact, fiction and opinion and beg distinguish between them.</li> <li>I use strategies to verify information, e.g. cross-checking.</li> <li>I understand the need for caution when using an internet search for ima what to do if I find an unsuitable image.</li> <li>I understand that copyright exists on most digital images, video and recomusic.</li> <li>I understand the need to keep personal information and passwords priv.</li> <li>I understand that if I make personal information available online it may and used by others.</li> <li>I know how to respond if asked for personal information or feel unsafe a content of a message.</li> <li>I recognise that cyber bullying is unacceptable and will be sanctioned in the school's policy.</li> <li>I know how to report an incident of cyber bullying.</li> <li>I know the difference between online communication tools used in scho those used at home.</li> <li>I understand the need to develop an alias for some public online use.</li> </ul>	<ul> <li>I follow the school's safer internet rules.</li> <li>I recognise the difference between the work of others which has been copied (plagiarism) and restructuring and re-presenting materials in ways which are unique and new.</li> <li>I can identify when emails should not be opened and when an attachment may not be safe.</li> <li>I can explain and demonstrate how to use email safely.</li> <li>I can use different search engines.</li> </ul>

I understand that the outcome of internet searches at home may be different

than at school.



# Year 4 Music

Performing	Composing	Appraising
<ul> <li>Perform a simple part rhythmically</li> <li>Sing songs from memory with accurate Pitch</li> <li>Improvise using repeated patterns</li> </ul>	<ul> <li>Use notation to record and interpret sequences of pitches</li> <li>Use standard notation</li> <li>Use notations to record compositions in a small group or on own</li> <li>Use notation in a performance</li> </ul>	<ul> <li>Explain the place of silence and say what effect is has</li> <li>Start to identify the character of a piece of Music</li> <li>Describe and identify the different purposes of music</li> <li>Begin to identify with the style of work of Beethoven, Mozart and Elgar</li> </ul>

# **Year 4 History**

The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor a local history study

The achievements of the earliest civilizations – an overview of where and when the first civilizations content appeared and a depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China

Chronological Understanding	Knowledge and Interpretation	Historical enquiry
<ul> <li>Plot recent history on a timeline using Centuries</li> <li>Place periods of history on a timeline showing periods of time</li> <li>Use mathematical skills to round up time differences into centuries and decades</li> </ul>	<ul> <li>Explain how events from the past have helped shape our lives</li> <li>Appreciate that wars have happened from a very long time ago and are often associated with invasion, conquering or religious differences</li> <li>Know that people who lived in the past cooked and travelled differently and used different weapons from ours</li> <li>Recognise that the lives of wealthy people were very different from those of poor people</li> <li>Appreciate how items found belonging to the past are helping us to build up an accurate</li> </ul>	<ul> <li>Research two versions of an event and say how they differ</li> <li>Research what it was like for a child in a given period in the past and use photographs and illustrations to present findings</li> <li>Give more than one reason to support an historical argument</li> <li>Communicate knowledge and understanding orally and in writing and offer points of view based upon what is found out</li> </ul>



# **Year 4 Geography**

Geographical Enquiry	Physical Geography	Human Geography	Geographical Knowledge
<ul> <li>Carry out a survey to discover features of cities and villages</li> <li>Find the same place on a global and in an atlas</li> <li>Label the same features on an aerial photograph as on a map</li> <li>Plan a journey to a place in England</li> <li>Accurately measure and collect information (eg rainfall, temperature, wind speed, noise levels etc)</li> </ul>	<ul> <li>Describe the main features of a well known city</li> <li>Describe the main features of a village</li> <li>Describe the main physical differences between cities and villages</li> <li>Use appropriate symbols to represent different physical features on a map</li> </ul>	<ul> <li>Explain why people are attracted to live in cities</li> <li>Explain why people may choose to live in a village rather than a city</li> <li>Explain how a locality has changed over time with reference to human features</li> <li>Find different views about an environmental issue</li> <li>What is child's viewpoint</li> <li>Suggest different ways that a locality could be changed and improved</li> </ul>	<ul> <li>Locate the Tropic of Cancer and the Tropic of Capricorn</li> <li>Know the difference between the British Isles, Great Britain and UK</li> <li>Know the countries that make up the European Union</li> <li>Name up to six cities in the UK and locate them on a map</li> <li>Locate and name some of the main islands that surround the UK</li> <li>Name the areas of origin of the main ethnic groups in the UK and in their school</li> </ul>

	Year 4 Art			
Drawing	Painting	Printing	Sketch Books	
<ul> <li>Begin to show facial expressions and body language in their sketches</li> <li>Identify and draw simple objects, and use marks and lines to produce texture</li> <li>Organise line, tone, shape and colour to represent figures and forms in movement</li> <li>Show reflections         <ul> <li>Explain why chosen specific materials to draw with</li> </ul> </li> </ul>	<ul> <li>Create all the colours they need</li> <li>Create mood in their paintings</li> <li>Successfully use shading to create mood and feeling</li> </ul>	<ul> <li>Print using at least four colours</li> <li>Create an accurate print design</li> <li>Print onto different materials</li> </ul>	<ul> <li>Use sketch books to express feelings about various subjects and outline likes and dislikes</li> <li>Produce a montage all about themselves</li> <li>Use their sketch book to adapt and improve ideas</li> <li>Keep notes about the purpose of work in their sketch books</li> </ul>	
3D / Textiles	Collage	Use of ICT	Knowledge	
<ul> <li>Experiment and combine materials and processes to design and make 3D form</li> <li>Begin to sculpt clay and other mouldable materials</li> <li>Use early textile and sewing skills as part of a project</li> </ul>	<ul> <li>Use ceramic mosaic</li> <li>Combine visual and tactile qualities</li> </ul>	<ul> <li>Present a collection of their work on a slide show</li> <li>Create a piece of art work which includes the integration of digital images taken</li> <li>Combine graphics and text based on research</li> </ul>	<ul> <li>Experiment with different styles which artists have used</li> <li>Explain art from other periods of history</li> </ul>	



# Year 4 Design and Technology

Developing, planning and communicating ideas	Working with tools, equipment, materials and components to make quality products	Evaluati	ng processes and pro	duct
<ul> <li>Have thought about how they will check if their design is successful</li> <li>Begin to explain how to improve the original design</li> <li>Evaluate the product, thinking of both appearance and the way it works</li> <li>Take time to consider how could have made their idea better</li> </ul>	<ul> <li>Tell if their finished product is going to be good quality</li> <li>Conscious of the need to produce something that will be liked by others</li> <li>Show a good level of expertise when using a range of tools and equipment</li> <li>Work at their product even though their original idea might not have worked</li> </ul>	<ul> <li>Have thought of how to check if the design is successful</li> <li>Begin to explain how to improve the original design</li> <li>Evaluate the product thinking of both appearance and the way it works</li> <li>Take time to consider how the idea could have been made better</li> </ul>		
Cooking and nutrition	Textiles	Electrical and mechanical components	Stiff and flexible sheet materials	Mouldable materials
<ul> <li>Know what to do to be hygienic and safe</li> <li>Think about what to do to present their product in an interesting way</li> </ul>	<ul> <li>Think what the user would want when choosing textiles</li> <li>Think about how to make their product strong</li> <li>Devise a template</li> <li>Explain how to join things in a different</li> </ul>	<ul> <li>Add things to their circuits</li> <li>Alter the product after checking it</li> <li>Be confident about trying out new and different ideas</li> </ul>	<ul> <li>Measure carefully so as to make sure that mistakes aren't made</li> <li>Attempt to make the product strong</li> </ul>	<ul> <li>Use a range of advanced techniques to shape and mould</li> <li>Use finishing techniques, showing an awareness of audience</li> </ul>

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# Year 4 P.E

Acquiring and developing skills	Evaluating and improving	Health and fitness	Dance
<ul> <li>Select and use most appropriate skills, actions or ideas</li> <li>Move and use actions with co-ordination and control</li> <li>Make up their own small sided game</li> </ul>	<ul> <li>Explain how their work is similar and different from that of others</li> <li>Use their composition to improve their work</li> </ul>	<ul> <li>Explain why warming up is important</li> <li>Explain why keeping fit is good for their health</li> </ul>	<ul> <li>Respond imaginatively to a range of stimuli related to character and narrative</li> <li>Use simple motifs and movement patterns to structure dance phrases on their own, with a partner and in a group</li> <li>Refine, repeat and remember dance phrases and dances</li> <li>Perform dances clearly and fluently</li> <li>Show sensitivity to the dance idea and the accompaniment</li> <li>Show a clear understanding of how to warm up and cool down safely</li> <li>Describe, interpret and evaluate dance, using appropriate language</li> </ul>
Games	Outdoor/Adventurous	Athletics	Gymnastics
<ul> <li>Catch with one hand</li> <li>Throw and catch accurately</li> <li>Hit a ball accurately and with control</li> <li>Keep possession of the ball</li> <li>Move to find a space where they are not in possession during a game</li> <li>Vary tactics and adapt skills according to what is</li> </ul>	<ul> <li>Follow a map in a more demanding familiar context</li> <li>Move from one location to another following a map</li> <li>Use clues to follow a route</li> <li>Follow a route accurately, safely and within a time limit</li> </ul>	<ul> <li>Run over a long distance</li> <li>Spring over a short distance</li> <li>Throw in different ways</li> <li>Hit a target</li> <li>Jump in different ways</li> </ul>	<ul> <li>Work in a controlled way</li> <li>Include change of speed</li> <li>Include change of direction</li> <li>Include a range of shapes</li> <li>Follow a set of 'rules' to produce a sequence</li> <li>Work with a partner to create, repeat and improve a sequence with at least three phrases</li> </ul>



# Year 4 French

Listening and Responding	Speaking	Reading and responding	Writing
<ul> <li>Understand short passages made up of familiar language</li> <li>Understand instructions, messages and dialogues within short passages</li> <li>Identify and note the main points and give a personal response on a passage</li> </ul>	<ul> <li>Have a short conversation where saying 2-3 things</li> <li>Use short phrases to give a personal response</li> </ul>	<ul> <li>Read and understand short texts using familiar language</li> <li>Identify and note the main points and give a personal response</li> <li>Read independently</li> <li>Use a bilingual dictionary or glossary to look up new words</li> </ul>	<ul> <li>Write 2-3 short sentences on a familiar topic</li> <li>Say what like and dislike about a familiar topic</li> </ul>