

Year 4: End of year deliverables

Reading	Phonics	Comprehension & understanding	Deducing	Intonation & expression	Grammatical features	Research
	Familiar with most phonic blends that start words & common endings Apply knowledge of root words, prefixes and suffixes from word structure Read further exception words Use alphabet to locate information in dictionaries	Show good understanding of the main points of the text and can retell/re-explain Give personal point of view on text Listen to, retell and discuss a wide range of texts Read books structured in different ways Explain the meaning of words in context Question to improve understanding of text Infer characters feelings, thoughts and motives from actions. Identify themes and conventions in a wide range of books Discuss word phrases which capture interest	Identify which tense a text is written in Retrieve and record information from non fiction texts.	Identify how apostrophes are used to show possession Read texts aloud and perform them considering intonation, tone, volume and actions	Recognise adverbs and how they are used in their reading Identify powerful verbs within reading Explain how tense relate to text type and structure Identify how sentence type can be changed by changing word order, tenses, adding or deleting words or changing punctuation Identify & discuss how adjectives and verbs bring reading to life Identify how language structure and presentation contribute to meaning	Aware that non-fiction texts can be in different forms, e.g. internet, newspaper or reference books. Skim & scan to locate information Use a dictionary to check the meaning of words
Writing	Sentence structure	Text structure	Word structure: Spelling & Phonics	Punctuation	Handwriting	
	Choose pronouns and nouns to avoid repetition and cohesion Use fronted adverbials	Organise paragraphs around a theme Choose pronoun and nouns to aid cohesion and avoid repetition Plan, draft, write and revise compositions	<ul style="list-style-type: none"> The suffixes – ation; – ous Endings which sound like – tion, -sion, -ssion, -cian Words with: (k) sound spelt (ch): (f) sound spelt (ch) – chef chalet: (s) sound spelt (sc) Words ending with the (g) spelt gue or que Words with Words with the (a) sound spelt (ei) Possessive apostrophe with plural word Homophones or near-homophones 	Use apostrophe to mark possession. Use comma after fronted adverbials Use inverted commas to mark direct speech	Handwriting is joined, legible and more consistent Understand how and when to join adjacent letters.	
Speaking & Listening	Speaking	Listening	Group discussion	Drama		
	Show awareness of standard English Sustain speaking to a range of listeners, telling stories or giving explanations	Sustain listening in different contexts and make notes of key ideas Can identify good presentation	Sustain group work roles including summing up for decisions and using appropriate language	Adopt roles in different contexts Develop ideas for performance including props costume and sets		
Maths	Number and Place value	Addition & subtraction	Multiplication & division	Fractions, & decimals		
	Count in multiples of 6,7,9,25,1000 Order & compare beyond 1,000. Count backwards through 0 to include negative numbers Read roman numerals to C Round numbers (up to 3 digits) to nearest 10 or 100 . Place value of U, T,H,TH	Add & subtract with 4 digit, incl £. Use inverse to check Solve 2 step problems in context	Know by heart all times tables and division facts. (12x12) Recognise and use factor pairs in mental calculations Multiply & divide 2 & 3 digit numbers by 1 digit using formal written layout Solve problems	Count up and down in 1/100 Identify, name & write equivalent fractions + & - fractions with same denominator Recognise & write decimals equivalents to 1/4, 1/2, 3/4, tenths and hundredths Link to measures & money		

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Maths	Properties of Shape	Position and Direction	Measurement	Statistics	
	Identify & complete lines of symmetry in 2D shapes Classify geometric shapes Identify acute and obtuse angles Compare and order angles by size	Use pairs of co-ordinates on grids and start to use the first quadrant Plot points and draw sides to complete shapes Describe translation up & down	Calculate the perimeter of shapes made of rectangles and squares Count squares to measure area Convert between units of measure Convert between analogue and digital clocks Time problems involving seconds up to years	Read and use bar & line graphs with scales (discrete and continuous data) Solve problems using data in charts , pictograms, tables and line graphs.	
Science	Animals including humans	Living things and habitats	Electricity	Sound	States of Matter
Working scientifically Set up comparative and fair tests Make accurate measurements Report findings Draw simple conclusions suggesting improvements Report on findings	Identify and name basic parts of the digestive system Identify the functions of different types of teeth Identify and name living things that can be grouped together as producers, consumers, predator, prey, herbivores, carnivores and omnivores Explain using food chains how feeding relationships occur.	Recognise living things can be grouped in a variety of ways Identify and name plants and animals, using classification keys to assign them to groups Recognise the effects of environmental change on habitats and that this can pose a danger	Describe the use of electricity Construct a simple circuit Know that some materials conduct electricity using comparative tests. Investigate circuits using switches, insulators and conductors.	Know how we hear. Identify how sounds are made (vibrations) Describe how sounds change volume according to distance & strength of vibrations. Investigate pitch of sound and features of objects that produced it.	Compare and group together materials Explain that some materials change state by heating and cooling Know about evaporation and condensation

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Geography	Location Knowledge	Human & Physical	Skills and fieldwork
	Name & locate major cities of UK, Locate, key mountains and rivers, climate regions, countries and major cities of Europe (including Russia) using atlases	Similarities and differences of regions - London and Lapland Understand distribution of natural resources- Energy and minerals in Europe Rivers, and the water cycle	use maps, atlases, globes and Google Earth to locate countries & features use the compass, 4 figure grid references, symbols and key Compare Roman and Modern Europe – changes over time
History	Knowledge of events & people		Enquiry & Interpretation
	2. Roman Empire and its impact on Britain <ul style="list-style-type: none"> Julius Caesar's attempted invasion in 55-54 BC Roman Empire by AD 42 and the power of its army successful invasion by Claudius and conquest, including Hadrian's Wall British resistance eg Boudica 'Romanisation' of Britain: impact of technology, culture & beliefs, including Christianity 	8. Ancient Greece Greek life and achievements and their influence on the western world	Identify different ways in which the past is represented and use historical sources Place events/people studied on timeline Give reasons for and results of significant events and changes Understand and use "Empire, civilisation"
Art and design	Techniques	Tools	Media
	Create and present work using the visual elements of line, shape, form, colour, tone, pattern and texture.	Uses variety of brushes and pens, inks and pencils Begins to build 3D objects	Paint, pencil, inks, wax crayons, textiles, papers, textured materials, charcoal, glue, scissors

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PE	Athletics	Dance	Gymnastics	Games
	<p>Run at speed appropriate to distance</p> <p>Throw using a range of actions</p> <p>Recognise changes to temperature /heart rate during exercise</p>	<p>Improvise solo</p> <p>Translate ideas into movement</p> <p>Adapt movements& motifs to create longer dances</p> <p>Use dance vocabulary</p>	<p>Copy, create, remember, repeat action, and apply ideas to sequences.</p> <p>Describe own work using vocabulary and describing similarities and differences.</p> <p>Work safely</p>	<p>Control and catch a ball whilst moving</p> <p>Pass a ball accurately to someone else</p> <p>Move with a ball under control (football/unihoc)</p> <p>Begin to influence opposed conditioned games</p>
Music	Performing		Composing	Listening
	<p>Sing in tune with expression</p> <p>Perform simple parts that use limited range – simple ostinato or repeated phrase on pitched instruments</p>		<p>Change the way an instrument is played to achieve effects</p> <p>Improvise repeated patterns</p> <p>Combine layers of sound for effect</p>	<p>Recognise how different musical elements are combined and used</p> <p>Use crescendo/diminuendo and tempo changes</p>
Design Technology	Food		Textiles	Construction
	<p>Follow recipe instructions</p> <p>Join and combine a range of ingredients eg snack foods</p> <p>Measure and weigh with accuracy</p> <p>Follow procedures for food safety & hygiene</p>		<p>Join fabrics using over sewing and back stitch</p> <p>Decorate using various techniques including stitched applique</p> <p>Create a simple pattern</p> <p>Select appropriate tools and techniques</p>	<p>Incorporate a circuit with bulb or buzzer into a model</p> <p>Develop shell and frame structures and make them stable</p> <p>Cut slots & internal shapes in sheet materials</p> <p>Use linkages to make large or complex movements</p> <p>Combine materials to use properties</p> <p>Measure, mark, cut & shape materials</p>

KS2 History – 9 units in 4 years

1. Changes in Britain from the Stone Age to the Iron Age

- late Neolithic hunter-gatherers and early farmers, for example, Skara Brae
- Bronze Age religion, technology and travel, for example, Stonehenge
- Iron Age hill forts: tribal kingdoms, farming, art and culture

2. Roman Empire and its impact on Britain

- Julius Caesar's attempted invasion in 55-54 BC
- Roman Empire by AD 42 and the power of its army
- successful invasion by Claudius and conquest, including Hadrian's Wall
- British resistance eg Boudica
- 'Romanisation' of Britain: sites such as Caerwent, impact of technology, culture & beliefs, including Christianity

3. Britain's settlement by Anglo-Saxons and Scots

- Roman withdrawal from Britain in c. AD 410 and the fall of the western Roman Empire
- Scots invasions from Ireland to north Britain (now Scotland)
- Anglo-Saxon invasions, settlements & kingdoms: place names & village life
- Anglo-Saxon art and culture
- Christian conversion – Canterbury, Iona and Lindisfarne

4. Viking & Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor

- Viking raids and invasion
- resistance by Alfred the Great and Athelstan, first king of England
- further Viking invasions and Danegeld
- Anglo-Saxon laws and justice
- Edward the Confessor to 1066

5. Local history study

- a depth study linked to one of the British areas of study listed above
- a study over time tracing how several aspects of national history are reflected in the locality (this can go beyond 1066)
- a study of an aspect of history or a site dating from a period beyond 1066 that is significant in the locality.

6. Study of British history after 1066

- changing power of monarchs (such as John, Anne and Victoria)
- changes in social history, such as crime and punishment or leisure and entertainment
- legacy of Greek or Roman culture (art, architecture or literature)
- a significant turning point in British history e.g. first railways or the Battle of Britain

7. Earliest civilizations – 1 from: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China

8. Ancient Greece Greek life and achievements and their influence on the western world

9. Non-European society to contrast with British history - 1 from: Early Islamic civilization, (Baghdad c. AD 900); Mayan civilization c. AD 900; Benin (West Africa) c. AD 900-1300.

KS2 Geography possible year 3-6 Deliverables

Locational knowledge	Human and physical geography	Skills and fieldwork
<p>Name & locate geographical regions, counties & cities of UK, Latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)</p>	<p>Similarities and differences of 2 UK regions Physical characteristics - key hills, mountains, coasts and rivers Land use patterns how some of these aspects have changed over time</p>	<ul style="list-style-type: none"> • use maps, atlases, globes and Google Earth to locate countries & features • Use fieldwork to observe, measure, record and present the human and physical features in the local area
<p>Locate countries, environmental regions, key physical and human characteristics, countries, and major cities of Europe (including Russia)</p>	<p>Similarities and differences of UK region to region in a European country Human geography including: Economic activity & trade, settlement and land use, natural resources Rivers, and the water cycle</p>	<ul style="list-style-type: none"> • use maps, atlases, globes and Google Earth to locate countries & features • use the compass, 4 figure grid references, symbols and key
<p>Locate countries, environmental regions, key physical and human characteristics, countries, and major cities of South America,</p>	<p>Human and physical geographical similarities and differences of UK region to region within South America Mountains, volcanoes and earthquakes,</p>	<ul style="list-style-type: none"> • use maps, atlases, globes and Google Earth to locate countries & features • use the compass, 4 figure grid references, symbols and key for OS maps
<p>Locate countries, environmental regions, key physical and human characteristics, countries, and major cities of North America,</p>	<p>Human and physical geographical similarities and differences of UK region to region within North America Climate zones, biomes and vegetation belts,</p>	<ul style="list-style-type: none"> • use maps, atlases, globes and Google Earth to locate countries & features • use the compass, 6 figure grid references, symbols and key with OS maps