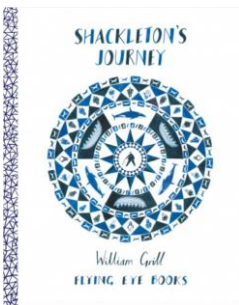
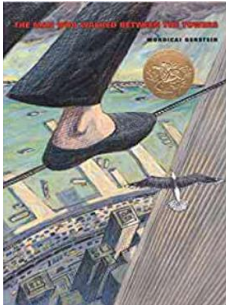

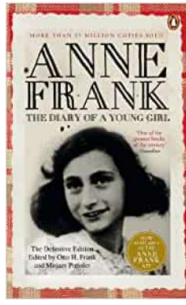
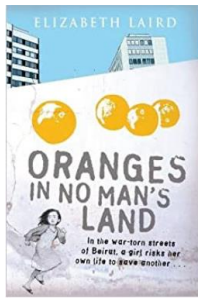
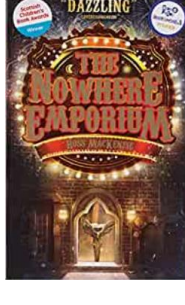
























Year 5 Medium Term Plan











Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Wider Curriculum Offer	Raiders and traders (History)	Jorvik an DIG trip	Local Study – comparing Harrogate to Lebanon (Geography and History)	Bikeability (PE) Planetarium (Science)	Enterprise (Maths)	Climate Change (Geography)
OJS Passports	Moral - Develop an online quiz linked to e-safety	Spiritual - discover what you will find in our local area	Social - Create an online game Cultural – try Lebanese food	Social – develop teamwork through creating a group dance performance Spiritual - Spend time in a planetarium.	Moral - Take part in a debate linked to current affairs	Social – plan and make soup using school-grown produce
Themed days and events	<ul style="list-style-type: none">• Anti-Bullying Week• Macmillan Coffee Morning. Charity event, Macmillan. Community links• Harvest – Harrogate Homeless The whole school donates to Harrogate Homeless, supporting our community and understanding privilege.• National Poetry Day• Black History Month 2023- KS to plan EDI event – opportunity for workshops in to school which celebrates black culture and promote EDI.	Remembrance. Charity event – British Legions Brigadier visits the school, opportunity to challenge stereotypes. Anti-bullying Week Annual awareness is raised around different types of bullying, how to be an ‘upstander’ as well as the school’s STOP acronym. Children in Need. Charity event – to change the lives of children and young people across the UK. Fire Safety. Annual awareness and challenging stereotypes (female firefighter). Christmas Jumper Day. Charity event, Save the Children.	Chinese New Year. EDI event World Braille Day. EDI event NSPCC Number Day. Annual awareness of the different types of child abuse and how children can report abuse. Charity event – prevention of cruelty to children. Mental Health Awareness Week Safer Internet Day. Annual awareness of online safety	Comic Relief / Sports Relief. Charity event – a just world, free from poverty. World Book Day Decorated egg competition. Annual community event. British Science Week. Annual event to raise awareness of science in the everyday world. Parents and carers invited into school to share expertise. Y5 Bikeability.	French Week Bi-annual celebration of French culture.	Summer Fair. Opportunity for Year 6 pupils to run their enterprise stall which the whole school will visit. Walk to School Day. OIS Sports day. Community event where Y5 support pupils at OIS. OJS Sports Afternoon
English English is how we explore and express ourselves though reading, writing and speaking Class Story	<div><p>The Malfessance</p><p>It was a dark, dank, dreadful night And while millions were abed The Malfessance bestirred itself And raised its ugly head.</p><p>The leaves dropped quietly in the night, In the sky Orion shone; The Malfessance bestirred itself Then crawled around till dawn.</p><p>Taller than a chimney stack, More massive than a church, It slithered to the city With a purpose and lurch.</p><p>Squelch, squelch, the scaly feet Flapped along the roads; Nothing like it had been seen Since the recent fall of the toads.</p><p>Bullets bounced off the beast, Aircraft made it grin, Its open mouth made an eerie sound Uglier than sin.</p></div> <div></div> <div></div>	<div></div> <div></div>	<div></div> <div></div> <div></div>			










Reading	<p>The Nowhere Emporium – Ross MacKenzie</p> <p>The Man Who Walked between the Towers</p> <p>Key comprehension skills– inference and deduction, explaining, vocab</p>	<p>The Malfeasance – Alan Bold</p> <p>Oranges in No Man’s Land – Elizabeth Laird</p> <p>Key comprehension skills – inference and deduction, summarising, explaining, vocabulary, predicting, retrieval</p>	<p>Diary of Anne Frank</p> <p>Cosmic – Frank Cottrell-Boyce</p> <p>Key comprehension skills – inference and deduction, summarising, explaining, vocabulary, retrieval</p>												
Writing Opportunities	<p>Narrative story about finding the door to The Nowhere Emporium (Writing to entertain)</p> <p><i>TWS Unit – The Nowhere Emporium</i></p> <p>Description of the machine (Writing to inform and entertain)</p> <p>Newspaper Report - (Writing to inform, discuss and entertain)</p> <p><i>Our own TWS unit – The Man Who Walked Between the Towers</i></p> <p>Provoke Curiosity – explore biomes – linked to geography and how climate change affects them</p> <p>Embed Safe Behaviours – understand how we are responsible individually and collectively for changes to the environment</p> <p>British Values</p> <p>Rule of Law – The Man who Walks Between the Towers</p> <p>Respect and Tolerance – The Malfeasance</p>	<p>Poem based on exploring climate change through a metaphor – TWS (Writing to entertain and inform)</p> <p><i>TWS Unit – The Malfeasance</i></p> <p>Promote Equality and Diversity – links to refugees in Oranges in No Man’s Land</p> <p>Provoke Curiosity – links to Science: Earth and Space</p> <p>Embed Safe Behaviours – debating and considering whether Liam is brave or reckless during character Analysis</p> <p>British Values</p> <p>Respect and Tolerance, Democracy, Individual Liberty – Diary of Anne Frank</p> <p>Rule of Law – Cosmic – Protagonist challenges and breaks rules frequently. Consequences of actions.</p>	<p>Diary Entry (Writing to entertain, discuss and inform)</p> <p><i>Our own TWS unit – OIMML and Azzi in Between</i></p> <p>Adventure Story (Writing to entertain)</p> <p><i>TWS unit – Cosmic</i></p> <p>Letter from father to son (Writing to discuss and persuade)</p> <p><i>Our own TWS unit – The Alchemist’s Letter</i></p> <p>Promote Equality and Diversity – links to WW2 and refugees</p> <p>Provoke Curiosity – comparison of similarities and differences between historical people and events, and current lifestyles and events</p> <p>Embed Safe Behaviours – understanding the importance of how prejudices can be used to hurt others</p> <p>British Values</p> <p>Respect and Tolerance – Oranges in No Man’s Land</p>												
Y5 EGPS Objectives to be covered in each unit:	<p>Transcription</p> <ul style="list-style-type: none">use further prefixes and suffixes and understand the guidance for adding themspell some words with ‘silent’ letters [for example, knight, psalm, solemn]continue to distinguish between homophones and other words which are often confuseduse knowledge of morphology and etymology in spelling and understand that the spelling of some words needs to be learnt specifically, as listeduse dictionaries to check the spelling and meaning of wordsuse the first 3 or 4 letters of a word to check spelling, meaning or both of these in a dictionaryuse a thesaurus <p>Y5 Read Write Inc Spelling units -</p> <table><tr><td>Endings which sound like /ʃəs/ spelt –cious or –tious.</td><td>Endings which sound like /ʃəl/</td><td>Words ending in –ant, –ance/–ancy, –ent, –ence/–ency</td><td>Words ending in –able and –ible.</td></tr><tr><td>Words ending in –ably and –ibly.</td><td>Words with the /i:/ sound spelt ei after c.</td><td>Words containing the letter-string ough</td><td>Words with ‘silent’ letters</td></tr><tr><td></td><td></td><td>Homophones</td><td>Year 5 word list.</td></tr></table>			Endings which sound like /ʃəs/ spelt –cious or –tious.	Endings which sound like /ʃəl/	Words ending in –ant, –ance/–ancy, –ent, –ence/–ency	Words ending in –able and –ible.	Words ending in –ably and –ibly.	Words with the /i:/ sound spelt ei after c.	Words containing the letter-string ough	Words with ‘silent’ letters			Homophones	Year 5 word list.
Endings which sound like /ʃəs/ spelt –cious or –tious.	Endings which sound like /ʃəl/	Words ending in –ant, –ance/–ancy, –ent, –ence/–ency	Words ending in –able and –ible.												
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		Homophones	Year 5 word list.												
	<p>Narrative story about finding the door to The Nowhere Emporium (Writing to entertain)</p> <p><i>TWS Unit – The Nowhere Emporium</i></p> <p>Description of the machine (Writing to inform and entertain)</p> <ul style="list-style-type: none">using modal verbs or adverbs to indicate degrees of possibilityusing relative clauses beginning with who, which, where, when, whose, that or with an implied (ie omitted) relative pronounusing brackets, dashes or commas to indicate parenthesis	<p>Adventure Story (Writing to entertain)</p> <p><i>TWS unit – Cosmic</i></p> <ul style="list-style-type: none">using relative clauses beginning with who, which, where, when, whose, that or with an implied (ie omitted) relative pronounusing modal verbs or adverbs to indicate degrees of possibilityusing brackets, dashes or commas to indicate parenthesisusing expanded noun phrases to convey complicated information concisely	<p>A letter from Otto/Edith Frank to Neville Chamberlain imploring Britain to take action Writing to persuade, discuss and inform)</p> <p>Anne Frank</p> <p><i>TWS unit – Kick by Mitch Johnson</i></p> <ul style="list-style-type: none">using expanded noun phrases to convey complicated information conciselyusing relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun												

























	<ul style="list-style-type: none">using expanded noun phrases to convey complicated information concisely					
	<p>Newspaper Report - (Writing to inform, discuss and entertain) <i>The Man Who Walked Between the Towers</i> <i>TWS unit – Goldilocks</i></p> <ul style="list-style-type: none">using a colon to introduce a listusing hyphens to avoid ambiguitypunctuating bullet points consistentlyrecognising vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms		<p>Poem based on exploring climate change through a metaphor – TWS (Writing to entertain and inform) <i>TWS Unit – The Malleasance</i></p> <ul style="list-style-type: none">using expanded noun phrases to convey complicated information conciselyusing modal verbs or adverbs to indicate degrees of possibility		<p>Diary Entry (Writing to entertain, discuss and inform) Oranges in No Man’s Land <i>TWS unit – Refugees: An issue for society.</i></p> <ul style="list-style-type: none">using brackets, dashes or commas to indicate parenthesisusing expanded noun phrases to convey complicated information concisely	
Creative writing journal	Story inspired by a short film (Literacy Shed +) Published work: Poetry linked to NPD		Published work: The Man who Walked Between the Towers		Published work: Cosmic narrative Story inspired by a short film (Literacy Shed +)	
Maths Maths is the poetry of logical ideas	<p>Number: Place Value Key Learning:</p> <ul style="list-style-type: none">read, write, order, and compare numbers to at least 1 000 000 and determine the value of each digitcount forwards or backwards in steps of powers of 10 for any given number up to 1 000 000interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zeroround any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000solve number problems and practical problems that involve all the aboveread Roman numerals to 1000 (M) and recognise years written in Roman numerals. <p>Number: Addition and subtraction</p>	<p>Number: Multiplication and Division Key Learning:</p> <ul style="list-style-type: none">identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbersknow and use the vocabulary of prime numbers, prime factors, and composite (non-prime) numbers establish whether a number up to 100 is prime and recall prime numbers up to 19 multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbersmultiply and divide numbers mentally drawing upon known factsdivide numbers up to 4 digits by a one-digit number using the formal written method of short	<p>Number: Fractions Key Learning:</p> <ul style="list-style-type: none">compare and order fractions whose denominators are all multiples of the same numberidentify, name, and write equivalent fractions of a given fraction, represented visually, including tenths and hundredthsrecognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, 5 2 + 5 4 = 5 6 = 1 5 1]add and subtract fractions with the same denominator and denominators that are multiples of the same number	<p>Number: Decimals and Percentages Key Learning:</p> <ul style="list-style-type: none">read and write decimal numbers as fractions [for example, 0.71 = 100 71] recognise and use thousandths and relate them to tenths, hundredths, and decimal equivalentsround decimals with two decimal places to the nearest whole number and to one decimal placeread, write, order, and compare numbers with up to three decimal placessolve problems involving number up to three decimal placesrecognise the per cent symbol (%) and understand that per cent relates to ‘number of parts per hundred’, and write percentages as a fraction with denominator 100, and as a decimalsolve problems which require knowing percentage and decimal	<p>Geometry: Properties of Shapes Key Learning:</p> <ul style="list-style-type: none">identify 3-D shapes, including cubes and other cuboids, from 2-D representationsknow angles are measured in degrees: estimate and compare acute, obtuse, and reflex anglesdraw given angles, and measure them in degrees (o)identify:<ul style="list-style-type: none">angles at a point and one whole turn (total 360o)angles at a point on a straight line and 2 1 a turn (total 180o)other multiples of 90ouse the properties of rectangles to deduce related facts and find missing lengths and angles	<p>Measurement: Conversions Key Learning:</p> <ul style="list-style-type: none">convert between different units of metric measure (for example, kilometer and meter; centimeter and meter; centimeter and millimeter; gram and kilogram; liter and milliliter)understand and use approximate equivalences between metric units and common imperial units such as inches, pounds, and pintsestimate volume [for example, using 1 cm3 blocks to build cuboids (including cubes)] and capacity [for example, using water]solve problems involving converting between units of timeuse all four operations to solve problems involving measure [for example, length, mass, volume,








<ul style="list-style-type: none">add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)add and subtract numbers mentally with increasingly large numbersuse rounding to check answers to calculations and determine, in the context of a problem, levels of accuracysolve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. <p>Key Vocabulary</p> <ul style="list-style-type: none">From OJS key vocabulary for subject. <p>Wider Offer</p> <p>Complete Maths Tutor, TTRS, Numbots, Sport Numeracy, pre-teaching, weekly TTRS winners, Achievement Awards, Mathematician of the Month</p> <p>Curriculum Threads</p>  <p>We are curious about links within and between areas of mathematics.</p>  <p>We learn about famous mathematicians across the world from different faiths and cultures.</p> 	<p>division and interpret remainders appropriately for the context</p> <ul style="list-style-type: none">multiply and divide whole numbers and those involving decimals by 10, 100 and 1000recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)solve problems involving multiplication and division including using their knowledge of factors and multiples, squares, and cubessolve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equal's signsolve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. <p>Key Vocabulary</p> <ul style="list-style-type: none">From OJS key vocabulary for subject. <p>Wider Offer</p> <p>Complete Maths Tutor, TTRS, Numbots, Sport Numeracy, pre-teaching, weekly TTRS winners, Achievement Awards, Mathematician of the Month</p> <p>Curriculum Threads</p> 	<ul style="list-style-type: none">multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagramsequivalents of 2 1, 4 1, 5 1, 5 2, 5 4 and those fractions with a denominator of a multiple of 10 or 25. <p>Key Vocabulary</p> <ul style="list-style-type: none">From OJS key vocabulary for subject. <p>Wider Offer</p> <p>Complete Maths Tutor, TTRS, Numbots, Sport Numeracy, pre-teaching, weekly TTRS winners, Achievement Awards, Mathematician of the Month, NSPCC Number Day 2023</p> <p>Curriculum Threads</p>  <p>We are curious about links within and between areas of mathematics.</p>  <p>We learn about famous mathematicians across the world from different faiths and cultures.</p>  <p>We are safe when accessing TTRS, Numbots and Complete Maths Tutor.</p>	<p>Measures: Statistics</p> <ul style="list-style-type: none">solve comparison, sum and difference problems using information presented in a line graph complete, read and interpret information in tables, including timetables. <p>Key Vocabulary</p> <ul style="list-style-type: none">From OJS key vocabulary for subject. <p>Wider Offer</p> <p>Complete Maths Tutor, TTRS, Numbots, Sport Numeracy, pre-teaching, weekly TTRS winners, Achievement Awards, Mathematician of the Month</p> <p>Curriculum Threads</p>  <p>We are curious about links within and between areas of mathematics.</p>  <p>We learn about famous mathematicians across the world from different faiths and cultures.</p>  <p>We are safe when accessing TTRS, Numbots and Complete Maths Tutor.</p>	<ul style="list-style-type: none">distinguish between regular and irregular polygons based on reasoning about equal sides and angles. <p>Geometry: Position and direction</p> <ul style="list-style-type: none">identify, describe, and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed. <p>Key Vocabulary</p> <ul style="list-style-type: none">From OJS key vocabulary for subject. <p>Wider Offer</p> <p>Complete Maths Tutor, TTRS, Numbots, Sport Numeracy, pre-teaching, weekly TTRS winners, Achievement Awards, Mathematician of the Month</p> <p>Curriculum Threads</p>  <p>We are curious about links within and between areas of mathematics.</p>  <p>We learn about famous mathematicians across the world from different faiths and cultures.</p>	<p>money] using decimal notation, including scaling.</p> <p>Measures: Perimeter and Area</p> <ul style="list-style-type: none">measure and calculate the perimeter of composite rectilinear shapes in centimeters and meterscalculate and compare the area of rectangles (including squares), and including using standard units, square centimeters (cm2) and square meters (m2) and estimate the area of irregular shapes <p>Key Vocabulary</p> <ul style="list-style-type: none">From OJS key vocabulary for subject. <p>Wider Offer</p> <p>Complete Maths Tutor, TTRS, Numbots, Sport Numeracy, pre-teaching, weekly TTRS winners, Achievement Awards, Mathematician of the Month</p> <p>Curriculum Threads</p>  <p>We are 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	<p>We are safe when accessing TTRS, Numbots and Complete Maths Tutor.</p>	<p>We are curious about links within and between areas of mathematics.</p> <p></p> <p>We learn about famous mathematicians across the world from different faiths and cultures.</p> <p></p> <p>We are safe when accessing TTRS, Numbots and Complete Maths Tutor.</p>			<p></p> <p>We are safe when accessing TTRS, Numbots and Complete Maths Tutor.</p>	<p></p> <p>We are safe when accessing TTRS, Numbots and Complete Maths Tutor.</p>
<p>Science</p> <p>Science is using enquiry to explain the physical and natural world</p>	<p><u>Circle of life</u> Key Learning</p> <ul style="list-style-type: none">describe the differences in the life cycles of a mammal, an amphibian, an insect and a birddescribe the life process of reproduction in some plants and animals.describe the changes as humans develop to old age. <p>Key Vocabulary</p> <ul style="list-style-type: none">Life cycleMarsupialThoraxAbdomenAntennaeMetamorphosisEvolution <p>Wider Offer</p> <ul style="list-style-type: none">Arboretum visit to explore the life cycle of plants. <p>Curriculum Threads</p> <p></p>	<p><u>Feel the force</u> Key Learning</p> <ul style="list-style-type: none">explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling objectidentify the effects of air resistance, water resistance and friction, that act between moving surfacesrecognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect. <p>Key Vocabulary</p> <ul style="list-style-type: none">BalancedUnbalancedAir resistanceWater resistanceUpthrustLeverFulcrumPivotPulleyNewton meter	<p><u>The Earth and beyond</u> Key Learning</p> <ul style="list-style-type: none">describe the movement of the Earth and other planets relative to the sun in the solar systemdescribe the movement of the moon relative to the Earthdescribe the sun, Earth and moon as approximately spherical bodiesuse the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. <p>Key Vocabulary</p> <ul style="list-style-type: none">Greenwich MeridianSolar systemOrbitAxisFull moonNew moonCrescentWaxingWaningEquinox <p>Wider Offer</p> <ul style="list-style-type: none">Visit from the planetarium, allowing children to explore more practically the solar system and beyond. <p>Curriculum Threads</p>	<p><u>All change</u> Key Learning</p> <ul style="list-style-type: none">compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnetsknow that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solutionuse knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporatinggive reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plasticdemonstrate that dissolving, mixing and changes of state are reversible changesexplain 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. <p>Key Vocabulary</p> <ul style="list-style-type: none">SolubleInsolubleDissolveReversibleNon-reversible		
















<p>All lessons are question-led. Pupils consider the different life cycles and reproductive methods of a range of animals and plants and explore ways in which their own bodies will change as they grow older.</p>  <p>Children recognise that there is diversity in attribute and need across all living things and why these differences are supportive of happy and healthy survival.</p> <p>Pupils explore changes that occur in all our bodies as we grow older and the effect these may have upon us.</p>  <p>Children describe the changes they can expect to see in their own bodies over time and consider ways in which to maintain health and promote positive development over the courses of their lifetimes.</p> <p>British Values Children develop Respect and Tolerance as they learn that different species have differing life cycles and that all humans develop in the same way as they grow older.</p> <p>Pupils discuss lifestyle choices they can make to support their own growth and development, recognising that is is their Individual Liberty that allows this.</p>	<p>Wider Offer</p> <ul style="list-style-type: none">Children make and use their own levers and pulleys, thereby exploring the real-life and practical applications of their science learning. Pupils create and test paper aeroplanes of different sizes and designs. <p>Curriculum Threads</p>  <p>Lessons are investigation-led. Pupils ask questions about how best to move larger or more heavy objects and explore the need for different designs according to designated use of a vehicle.</p>  <p>Pupils identify safe ways in which to move heavy objects to minimise the risk of injury when so doing.</p> <p>British Values Respect and Tolerance is promoted via conversations around the actions of objects upon one another and pupils' recognition that even inanimate items can be impacted by one another.</p>	 <p>All lessons begin with a question that prompts child-led investigation of the solar system and the reasons behind our experiencing seasons and differing lengths of daytime and nighttime throughout a year in the U.K.</p>  <p>Pupils explore the effect of the U.K.'s location on our seasons and the lengths of daytime and nighttime at different points during the year.</p> <p>Children recognise that countries in different global locations have a different experience and explain why this is.</p> <p>Pupils discuss that Greenwich Mean Time is used as standard time in only a handful of countries.</p>  <p>Discussions around the sun offer opportunities for children to consider and discuss sun safety.</p> <p>British Values Discussions pertaining to Greenwich Mean Time and the use of the Greenwich Meridian to establish standard time in only some countries promote Respect and Tolerance as children recognise that differing regions experience time and seasons in varied ways.</p>	<ul style="list-style-type: none">OxidiseSaturatedFilterSuspensionDuctileElasticityFlammable <p>Wider Offer</p> <ul style="list-style-type: none">Handling of a variety of materials and exploration of the differing uses of these. <p>Curriculum Threads</p>  <p>Lessons begin with a question that supports child-led investigation.</p> <p>Children apply their knowledge of materials to group and classify these and suggest ways in which their states might be altered or constituent parts separated.</p>  <p>Pupils identify similarities and differences between inanimate materials and suggest ways in which variability of attributes can be used to group and classify objects as well as living things.</p>  <p>Children develop skills for safe scientific investigation when filtering, sieving and, in particular, evaporating substances.</p> <p>British Values Discussion around Respect and Tolerance when grouping materials based upon shared properties.</p>
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<div>History and Geography</div> <div>History is the study of people and change over time</div> <div>Geography is the study of people and places</div>	<div>Anglo Saxons and Vikings</div> <div>Key Learning</div> <ul style="list-style-type: none">the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the ConfessorUnderstand the power of story-telling, poetry and riddles during the Anglo-Saxon period.The mystery of the empty ship burial.Examine sources such as place names to understand the impact of the Vikings on the local area. <div>Key Vocabulary</div> <ul style="list-style-type: none">Dark agesMissionaryMonarchMonasteryTurning point <div>Wider Offer</div> <ul style="list-style-type: none">Replica handling objectsVisitor to teach pupils about everyday Viking life. <div>Curriculum Threads</div> <div></div> <div>Pupils will learn that Britain has been invaded many times across her histories creating a mixture of peoples, stories, language, and traditions.</div> <div></div> <div>Pupils are curious about who was buried in the empty ship at Sutton Ho. They will use the evidence to suggest the religion and status of the deceased.</div> <div>British Values</div> <div>Rule of Law – The Danelaw</div> <div>Respect and Tolerance – Female leaders in the early Viking era</div> <div>Democracy – Elected leaders. Beginnings of British legal system.</div>	<div>Comparing People and Places</div> <div>Key Learning</div> <ul style="list-style-type: none">Locate Middle East and North America on a world map and explore the landscape.Identify countries within the Middle East and North America.Compare the physical geography of the Middle East and North America.Understand imports and exports from a country in the Middle East and a country in North America. <div>Key Vocabulary</div> <ul style="list-style-type: none">ImportExportSupply ChainEconomyTrade route <div>Wider Offer</div> <ul style="list-style-type: none">Virtual fieldtrip <div>Curriculum Threads</div> <div></div> <div>Through research, pupils will gain an understanding into the human and physical geography of an area of the Middle East and an area in North America.</div> <div></div>	<div>Wartime Harrogate</div> <div>Key Learning</div> <ul style="list-style-type: none">a local history studya study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066Investigate how WW2 changed our local and national way of life, in the short term.Use sources to investigate what life was like in Harrogate during WW2. <div>Key Vocabulary</div> <ul style="list-style-type: none">BiasReliableMuseumOral history <div>Wider Offer</div> <ul style="list-style-type: none">Visit to Eden Camp museum.Replica handling objects <div>Curriculum Threads</div> <div></div> <div>Pupils will learn about how people kept themselves safe during WW2 and consider what we do today for community safety e.g. flu vaccines.</div> <div></div> <div>Pupils are curious about their local area, looking out for effects of the war that still exist today, such as railings cut down.</div> <div></div>	<div>Climate Change</div> <div>Key Learning</div> <ul style="list-style-type: none">To identify the significance of time zones in relation to longitude and latitudeDescribe the 7 types of biome and locate them on a world map.Recognise how the environment and people around the world are affected by climate change.Understand what a carbon footprint is and how this can be reduced.Describe ways our school community can reduce the impacts of climate change. <div>Key Vocabulary</div> <ul style="list-style-type: none">TropicsBiomeTundraDesertRainforestWoodlandSavannahGrassland <div>Wider Offer</div> <ul style="list-style-type: none">Virtual fieldtrip <div>Curriculum Threads</div> <div></div> <div>Pupils are curious about the environment and are keen to protect it. Pupils will lead in school initiatives to promote being eco-friendly.</div> <div></div> <div>Pupils will understand the importance of being a global citizen and take initiative to care for the environment both in school and their wider lives.</div> <div>British Values</div> <div>Respect and Tolerance – Respect for planet</div>
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			<p>Pupils will know and use different map representations; in Year 5 pupils will use the Robinson and Mercator projections as well as various other maps to show the human and physical geography of the area being studied. Pupils will also study the cultural of those who live particular areas.</p> <p>British Values Individual Liberty – Choice of migration</p>	<p>Pupils will consider different roles plaid by men, women, and children during WW2.</p> <p>British Values Democracy – Dictatorship in Germany Individual Liberty – Oppression of individuals under Nazi regime</p>																								
<p>Music</p> <p>Music is expressing ourselves using instruments, singing, rhythms and melodies</p>	<p><u>Music Theory with Keyboards L3</u></p> <p>Key learning</p> <ul style="list-style-type: none">●Pupils will learn how to read stave notation on the treble stave from middle C – C.●Pupils will put this into practice through learning musical phrases and songs using keyboards.●Pupils will learn how to become well-rounded musicians through developing their aural skills and improvisational skills.●Pupils will understand how to perform as an ensemble and will develop their understanding of the traditional orchestra. <p>Key Vocabulary Pentatonic Improvisation</p> <p>Wider Offer</p> <ul style="list-style-type: none">• Keyboard afterschool club• Choir• Individual Peripatetic lessons <p>Curriculum Threads</p>	<p><u>Samba Drumming L1</u></p> <p>Key learning</p> <ul style="list-style-type: none">●Pupils can lead the class using the Portuguese words for start (começar) and stop (pare).●Pupils can copy and repeat more complex rhythms demonstrated by the instructor. <p>Key Vocabulary Rhythm Ostinato Break Samba Conductor Bateria Começar Pare Groove Tempo</p> <p>Wider Offer</p> <ul style="list-style-type: none">• Samba Drums afterschool club• Choir• Individual Peripatetic lessons	<p><u>Ukuleles L1</u></p> <p>Key learning</p> <ul style="list-style-type: none">●Pupils are able to read and play a piece of tablature on one string.●Pupils can aurally identify the difference between a rhythm and a lead Ukulele part. <p>Key Vocabulary Chord progression Strumming pattern Slide Hammer on</p> <p>Wider Offer</p> <ul style="list-style-type: none">• Ukulele afterschool club• Choir• Individual Peripatetic lessons <p>Curriculum Threads</p>	<p><u>Song writing with Glockenspiels L3</u></p> <p>Key learning</p> <ul style="list-style-type: none">●Pupils can define theme and target market.●Pupils can create a word board. <p>Key Vocabulary Theme Hook</p> <p>Wider Offer</p> <ul style="list-style-type: none">• Glockenspiel afterschool club• Choir• Individual Peripatetic lessons• Performance opportunities at Harrogate Competitive Festival <p>Curriculum Threads</p>	<p><u>Keyboards L3</u></p> <p>Key learning</p> <ul style="list-style-type: none">●Pupils can switch between playing crotchets, minims and semibreves confidently.●Pupils know that black keys produce sharp and flat notes.●Pupils can recognise and count two different rest notations.●Pupils can compose a two-bar melody/phrase. <table><tr><td></td><td>Crotchet (1 Beat)</td></tr><tr><td></td><td>Minim (2 Beats)</td></tr><tr><td></td><td>Semibreve (4 Beats)</td></tr><tr><td></td><td>Piano (Quiet)</td></tr><tr><td></td><td>Forte (Loud)</td></tr><tr><td></td><td>Flat</td></tr><tr><td></td><td>Sharp</td></tr><tr><td></td><td>Rest (1 Beat)</td></tr><tr><td></td><td>Rest (2 Beats)</td></tr><tr><td></td><td>Rest (3 Beats)</td></tr><tr><td></td><td>Rest (4 Beats)</td></tr></table> <p>Wider Offer</p>		Crotchet (1 Beat)		Minim (2 Beats)		Semibreve (4 Beats)		Piano (Quiet)		Forte (Loud)		Flat		Sharp		Rest (1 Beat)		Rest (2 Beats)		Rest (3 Beats)		Rest (4 Beats)	<p><u>Singing L3</u></p> <p>Key learning</p> <ul style="list-style-type: none">●Pupils can sing examples of both bad and good diction.●Pupils can explain what characterisation is.●Pupils are able to conduct in 4/4 and 3/4. 7. Pupils can sing a cappella as a class.●Pupils understand and recognise different styles of singing.●Pupils can differentiate between and correctly name the different styles of singing.●Pupils can perform simple improvisation.●Pupils can sing an a cappella song in unison.●Pupils can sing a five-note pentatonic scale.●Pupils can use projection techniques in their performances.●Pupils can recite lyrics at a fast tempo in a rap style.
	Crotchet (1 Beat)																											
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	Rest (4 Beats)																											





		<ul style="list-style-type: none"> Opportunities to perform in Christmas music assembly <p>Curriculum Threads</p> <p>British Values Discussions around Respect and Tolerance, learning about traditions and beliefs of other cultures.</p>			<ul style="list-style-type: none"> Keyboard afterschool club Choir Individual Peripatetic lessons <p>Curriculum Threads</p>	<p>Key Vocabulary Vocal projection Riffs and runs Scat Characterisation Accent</p> <p>Wider Offer</p> <ul style="list-style-type: none"> Singing afterschool club Choir Individual Peripatetic lessons Performance opportunities in summer assemblies <p>Curriculum Threads</p> 
<p>MFL</p> <p>MFL is the study of language and cultures</p>	<p><u>Ma Famille</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Learn to talk about their family <p>Key Vocabulary</p> <ul style="list-style-type: none"> La famille Voici (ma mère) qui s'appelle... Il/Elle a ...ans J'ai une (sœur) <p>Wider Offer</p> <ul style="list-style-type: none"> Register language – French <p>Curriculum Threads</p>  <p>British Values Respect and Tolerance Individual liberty – recognizing different family structures</p>	<p><u>On fait la fête</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Learn how to ask and say when their birthday is in French Find out about birthday celebrations in French <p>Key Vocabulary</p> <ul style="list-style-type: none"> Quelle est la date aujourd'hui? Quelle est la date de ton anniversaire? J'ai...ans <p>Wider Offer</p> <ul style="list-style-type: none"> Register language <p>Curriculum Threads</p>  <p>British Values Respect and Tolerance</p>	<p><u>Cher Zoo</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Learn names for zoo animals Learn and use some adjectives to describe zoo animals Use past tenses to recount a zoo visit <p>Key Vocabulary</p> <ul style="list-style-type: none"> Une giraffe etc. lourd etc. Il était trop... <p>Wider Offer</p> <ul style="list-style-type: none"> Register language <p>Curriculum Threads</p>  <p>British Values Respect and Tolerance thinking about how to treat animals</p>	<p><u>Cher Zoo</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Learn names for zoo animals Learn and use some adjectives to describe zoo animals Use past tenses to recount a zoo visit <p>Key Vocabulary</p> <ul style="list-style-type: none"> Une giraffe etc. lourd etc. Il était trop... <p>Wider Offer</p> <ul style="list-style-type: none"> Register language French week (biannual) <p>Curriculum Threads</p>  <p>British Values Respect and Tolerance thinking about how to treat animals</p>	<p><u>Le petit déjeuner</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Learn to order a range of food and drink Learn to express and understand likes and dislikes with regard to food/drink Learn to express and understand opinions <p>Key Vocabulary</p> <ul style="list-style-type: none"> Qu'est-ce que tu manges/bois? Je mange/bois... multiples of 10 up to 100 <p>Wider Offer</p> <ul style="list-style-type: none"> Register language <p>Curriculum Threads</p>  <p>British Values</p>	<p><u>Le petit déjeuner</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Learn to order a range of food and drink Learn to express and understand likes and dislikes with regard to food/drink Learn to express and understand opinions <p>Key Vocabulary</p> <ul style="list-style-type: none"> Qu'est ce que tu manges/bois? Je mange/bois... multiples of 10 up to 100 <p>Wider Offer</p> <ul style="list-style-type: none"> Register language <p>Curriculum Threads</p>  <p>British Values</p>









					Respect and Tolerance	Respect and Tolerance
<p>P.E</p> <p>PE is engaging in physical activity, competitive sport and learning how to live healthy lives</p>	<p><u>Securing my basic skills using basketball and applying them to games</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Know and demonstrate the correct technique for passing and catching a basketball Explain and demonstrate adhering to the travelling and double dribble rule in conditioned games Know and demonstrate two different ways to beat a defender Demonstrate marking, stealing, and intercepting in drills and games Demonstrate the correct shooting technique <p>Key Vocabulary</p> <ul style="list-style-type: none"> Passing Catching Dribbling Shooting Defending Marking Stealing Travelling Double dribble Pivot Interception Dodging Contact Foul Sideline <p>Wider Offer</p> <ul style="list-style-type: none"> Weekly basketball clubs for Year 3/4 and 5/6 all of Spring Term 	<p><u>Securing my foot-eye co-ordination skills using hockey and applying them to games</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Demonstrate the correct technique for dribbling while changing speed and direction Demonstrate the correct technique for passing and receiving on the move Demonstrate safe and correct block tackling technique with increased success Demonstrate the correct shooting technique with a consideration of tactics Explain what foot-eye co-ordination is and how skills link between football, hockey, and other sports Identify, describe, and umpire the rules of Quick sticks hockey <p>Key Vocabulary</p> <ul style="list-style-type: none"> Dribbling Push pass Dangerous play Contact Accuracy Consistency Shooting Stick tackle <p>Wider Offer</p> <ul style="list-style-type: none"> Competing in hockey tournaments Students told about local clubs <p>Curriculum Threads</p>	<p><u>Securing my basic skills using gymnastics and applying them to sequences</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Know and safely demonstrate paired balances with quality Demonstrate the difference between counterbalance and counter tension Describe and demonstrate the different methods of travelling in gymnastics Safely demonstrate jumping and rolling with fluidity Choreograph paired sequences, including various choreographic devices <p>Key Vocabulary</p> <ul style="list-style-type: none"> Tension Extension Point / Patch Matching Mirroring Counterbalance Counter tension Canon / Unison Choreographic devices <p>Wider Offer</p> <ul style="list-style-type: none"> Students told about local clubs Competing in gymnastics festivals and competitions 	<p><u>Developing my basic skills using dance and applying them to performances</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> To perform dances using a range of movement patterns To build a routine around a motif To perform with quality and explain what makes a quality performance I can evaluate my own and others' performances and give them feedback so they improve <p>Key Vocabulary</p> <ul style="list-style-type: none"> Motif Rhythm Beats Perform Evaluate Feedback Choreograph Routine Choreographic Devices Canon Unison Space Levels Dynamics Actions <p>Wider Offer</p> <ul style="list-style-type: none"> Disability in Sport Week <p>Curriculum Threads</p> <p>Pupils will participate in a Disability in Sport week in the final week of half-term. They will have a talk from a Commonwealth / Invictus / Paralympic athlete who will do an assembly on their</p>	<p><u>Securing my fundamental movement skills using athletics</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> I can use different running techniques for long and short distances and run at an appropriate pace. I can jump for distance from a standing position and from a run up. I can throw a variety of objects in one hand for distance with good technique. I can evaluate a peer to improve their performance. I can compare my performance with previous ones and demonstrate improvement to achieve my personal best. <p>Key Vocabulary</p> <ul style="list-style-type: none"> Jog Run Sprint Throw Jump Land Hurdles Long jump Record Measure Personal best <p>Wider Offer</p>	<p><u>Securing my hand-eye co-ordination skills using cricket and applying them to games</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> I can throw underarm and overarm to a target over varying distances under pressure. I can catch a small ball two handed, sometimes one-handed, at different heights and speeds. I can hit a ball using a cricket bat using the correct technique. <p>Key Vocabulary</p> <ul style="list-style-type: none"> Catching Underarm Overarm Accuracy Consistency Batting Fielding Bowling Bowler Innings Wickets Wicket keeper Stance <p>Wider Offer</p> <ul style="list-style-type: none"> Yorkshire Cricket Board deliver 2 x 2-hour sessions to all Year 5 classes with class teacher After school clubs for Year 3/4 and 5/6 for striking and fielding in Summer term Competing in cricket and rounders tournaments







	<ul style="list-style-type: none"> Competing in basketball tournaments Students told about local clubs <p>Curriculum Threads Pupils will consider how the technique of the different skills link with each other, when they should be used in a game (and how to decide), and how the technique can link with skills in other sports.</p>  <p>Pupils will learn the rules of basketball to allow them to play safely (fouls), and how to also behave safely within the lesson in different drills and games (e.g. reminders of how hard to pass the ball depending on the distance and how to catch properly).</p>  <p>British Values Rule of Law – Rules of the game Respect and Tolerance – Adhering the rules of the game and respecting teammates</p>	<p>There is a large emphasis in this unit of work on building on and securing skills previously learned in Unihoc and football lessons, and what foot-eye co-ordination is. Pupils will be questioned on how technique of skills, rules and tactics are similar and differ between Unihoc, Quick sticks and football. Other sports (particularly invasion games) will also be considered.</p>  <p>Pupils will be taught how to safely perform skills in hockey and how to behave safely in lessons with the equipment provided. Quick sticks rules, spatial awareness and class rules will be taught and enforced to support this.</p>  <p>British Values Rule of Law – Rules of the game Respect and Tolerance – Adhering the rules of the game and respecting teammates</p>	<p>Curriculum Threads Pupils will consider how the different components of fitness required for gymnastics (balance, flexibility, strength, muscular endurance) of the different skills in gymnastics how these components can be linked to, and are useful for, other sports.</p>  <p>Safety will be a large emphasis in every gymnastics lesson. Pupils will be taught how to set out mats safely, perform different skills safely, perform in pairs safely, and how to work safely on equipment.</p>  <p>British Values Rule of Law – Rules of the game Respect and Tolerance – Adhering the rules of the game and respecting teammates</p> 	<p>disability, their sport, etc. to raise awareness. They will also participate in disability sports in their PPA PE lessons this week.</p>  <p>Pupils will learn the important safety elements of dance: warming up and cooling down properly, being aware of spatial awareness, and there will be rules surrounding what they can/cannot do for safety reasons.</p>  <p>British Values Rule of Law – Rules of the game Respect and Tolerance – Adhering the rules of the game and respecting teammates</p> 	<ul style="list-style-type: none"> Participating in athletics festivals, events and competitions Participating in cross country meets Promoting local clubs e.g. Harrogate Harriers Sports Afternoons <p>Curriculum Threads Pupils will consider how the technique of the different fundamental skills can link with skills in other sports. They will explore when those FMS are used in other sports and activities (running, throwing, jumping).</p>  <p>Pupils will be taught how to safely perform skills in these lessons. A particular safety focus will take place when throwing and jumping is introduced, where students will be taught how to use the equipment (mainly the different types of bats) safely and land safely. Soft equipment will be used.</p>  <p>British Values Rule of Law – Rules of the game Respect and Tolerance – Adhering the rules of the game and respecting teammate</p>	<p>Curriculum Threads There is a large emphasis in this unit of work on the links between cricket and rounders, and what hand-eye co-ordination is. Pupils will be questioned on how technique of skills, rules and tactics are similar and differ. Other sports (e.g. net/wall) will also be considered to draw links.</p>  <p>Promotion of women's cricket through mixed gender PE lessons and promotion of clubs / competing in girls' cricket competitions.</p>  <p>Pupils will be taught how to safely perform skills in these lessons. A particular safety focus will take place when batting is introduced, where students will be taught how to use the equipment (mainly the different types of bats) safely. Soft balls and plastic bats/equipment will be used.</p>  <p>British Values Rule of Law – Rules of the game Respect and Tolerance – Adhering the rules of the game and respecting teammates.</p>
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<p>ART and DT</p> <p>Art is Expressing feelings and ideas creatively.</p> <p>DT is planning, designing and creating products</p>	<p><u>Watercolour Exploration and Expression</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> to create sketch books to record their observations and use them to review and revisit ideas to improve their mastery of art and design techniques, including painting. Learn about great artists Exploring watercolours. Investigate how watercolours have certain characteristics and can be used to create a wide range of marks, colours, tones etc. Develop mastery in this medium to inform their own inspired, creative watercolour artwork using high quality resources. Develop expression of themselves through their artwork. <p>Develop personal sketchbooks.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> Watercolour, wash, dry/wet techniques, complementary / harmonious / contrasting colour, value, intensity, graduated wash, charging, glazing, premixing, lifting, back run, watercolour bead, bloom, accidental, deckle, dry brush <p>Curriculum Threads</p>	<p><u>Design and upcycle an old garment</u></p> <p>- <u>Electronical and Mechanical Systems – Game.</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Research eco-conscious fashion designers. upcycle/ change / design and develop a garment / t-shirt for a fashion show. - Electrical and Mechanical Systems Design and build a new electronic game designed to move and use electric circuits within the design. <p>Key Vocabulary</p> <ul style="list-style-type: none"> Upcycle, fast fashion, slow fashion, global impact, <p>Wider Offer</p> <ul style="list-style-type: none"> Work in collaboration with local charity – fabrics and garments supplied from Harrogate St Michaels Hospice. Inviting parents and guardians in to work alongside the pupils on this project. <p>Curriculum Threads</p>   <p>Look at a range of designers/makers.</p>	<p><u>Expressing Voice through Visual Art</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> to create sketch books to record their observations and use them to review and revisit ideas to improve their mastery of art and design techniques, including drawing and printmaking. Learn about great artists and designers Learn how some artists create art to express opinions, share important messages and highlight complex issues around the world. Consider why printing is a good way of sharing artists messages, and how images can be powerful. Develop collagraph and lino printmaking skills. These skills will then be used as a tool to convey and share an important message / personal passion of their choice through their artwork. <p>Develop personal sketchbooks.</p> <p>Key Vocabulary</p> <ul style="list-style-type: none"> Activism, voice, message, community, zine, linocut, collagraph, transfer, relief, intaglio, assemble, precise <p>Wider Offer</p> <ul style="list-style-type: none"> Share their messages and opinions to a wider audience through an online exhibition of works. <p>Curriculum Threads</p>   <p>Opinions, complex issues and beliefs</p>  <p>Exploring own opinions, interests and complex issues</p>	<p><u>Computer Aided Design</u></p> <p><u>Environmental Alternative Cooking</u></p> <p>Key Learning</p> <p>Digital World - Design for a purpose</p> <p>3D CAD - Tinker cad – Design a straw rollercoaster</p> <p><u>How to Build a Straw Roller Coaster : 10 Steps (with Pictures) - Instructible</u></p> <p>-</p> <ul style="list-style-type: none"> Cooking and nutrition - Design and make a meal using a haybox thermal cookers – considering eco-friendly alternative methods of cooking to reduce energy. <p>Key Vocabulary</p> <ul style="list-style-type: none"> CAD, visual concepts, rendering, simulation, program, software, engineering, technological advances - Climate change, fossil fuels, innovation technologies, haybox, thermal cookers <p>Wider Offer</p> <ul style="list-style-type: none"> Visitors – SF Innovations workshop – promoting technologies and products which protect the environment and build resilience to climate change. <p>Curriculum Threads</p>   <p>SF Innovations and their impact, links with sri Lanka and how these methods are being used in low income families across the globe.</p>  <p>Discovering alternative eco-friendly cooking methods</p>
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Computing Computing is the safe use of technology to enhance our lives	<u>Online Safety Coding</u> Key Learning = <ul style="list-style-type: none">Begin to simplify code.Create a playable game.Understand what a simulation is.Program a simulation using 2Code.Know what decomposition and abstraction are in computer science.Take a real-life situation, decompose it and think about the level of abstraction.Understand how to use friction in code.	<u>Databases</u> Key Learning <ul style="list-style-type: none">Learn how to search for information in a database.Contribute to a class database.Create a database around a chosen topic. Key Vocabulary Arrange, database report, field, group, record, search, sort, statistics Wider Offer <ul style="list-style-type: none">Hour of the Code (December)	<u>Spreadsheets</u> Key Learning <ul style="list-style-type: none">Use formulae within a spreadsheet to convert measurements of length and distance.Use the count tool to answer hypotheses about common letters in use.Use a spreadsheet to model a real- life problem.Use formulae to calculate area and perimeter of shapes.Create formulae that use text variables.	<u>Game Creator</u> Key Learning <ul style="list-style-type: none">Plan a game.Design and create the game environment.Design and create the game quest.Finish and share the game.self and peer evaluate. Key Vocabulary Evaluation, feedback, image, promotion, quest, texture Wider Offer Curriculum Threads	<u>Modelling</u> Key Learning <ul style="list-style-type: none">Be introduced to 2Design and the skills of computer aided design.Explore the effect of moving points when designing.Design a 3D Model to fit certain criteria.Refine and print a model. Key Vocabulary 2D, 3D, 3D printing, CAD (Computer Aided Design), design brief, net, patter fill, points, template Wider Offer Curriculum Threads  Link to maths learning

<ul style="list-style-type: none">• Begin to understand what a function is and how functions work in code.• Understand what the different variables types are and how they are used differently.• Understand how to create a string.• Understand what concatenation is and how it works.• Have a secure knowledge of online safety rules taught at school.• Demonstrate the safe and respectful use of different online technologies and online services.• Relate appropriate online behaviour to my right to have personal privacy.• Know how to not let my mental wellbeing or others be affected by use of online technologies and services. <p>Key Vocabulary Avatar, bibliography, citation, creative commons license, critical thinking, encrypt, identity theft, image manipulation, ownership, validity Abstraction, co-ordinates, decomposition, efficient, friction, function, physical system, print to screen, simplify, tabs, string Wider Offer</p> <p>Curriculum Threads</p> <p>Create a game using own ideas</p>	<p>Curriculum Threads</p> <p> E-safety reminders when using internet.</p>	<ul style="list-style-type: none">• Use a spreadsheet to help plan a school cake sale. <p>Key Vocabulary Area, computational model, formula bar, 'How Many?' tool, perimeter, profit, rows, totaling tool, variable</p> <p>Wider Offer</p> <ul style="list-style-type: none">• Safer Internet Day (February) <p>Curriculum Threads</p> <p> E-safety reminders when using internet.</p>	<p> Create an inclusive game for Year $\frac{3}{4}$ children</p>	
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	British Values Rule of Law through discussions about privacy, personal information and scamming. Respect and Tolerance through discussion of respect online and respecting privacy.				
RE RE is understanding beliefs across the world	<u>What would Jesus do? (Can we live by the values of Jesus in the twenty-first century?)</u> Key Learning <ul style="list-style-type: none">Outline Jesus' teaching on how his followers should live (A2).Offer interpretations of two of Jesus' parables and say what they might teach Christians about how we live (B3).Explain the impact Jesus' example and teachings might have on Christians today (B1).Express their own understanding of what Jesus would do in relation to a moral dilemma for the world today (C3). Key Vocabulary <ul style="list-style-type: none">ParablesTen Commandments Wider Offer <ul style="list-style-type: none">Use of Bibles within lessons. Curriculum Threads Pupils will carefully consider how the teachings of Jesus have impacted our world today 	<u>Why do some people think that God exists?</u> Key Learning <ul style="list-style-type: none">Outline clearly a Christian understanding of what God is like, using examples and evidence (A2).Give examples of ways in which believing in God is valuable in the lives of Christians, and ways in which it can be challenging (B2).Express thoughtful ideas about the impact of believing or not believing in God on someone's life (B1).Present different views on why people believe in God or not, including their own ideas (C1). Key Vocabulary <ul style="list-style-type: none">TheistAgnosticBenevolentOmnipotentOmniscient Curriculum Threads Pupils will understand and learn about others' views and why they have them 	<u>What does it mean to be a Muslim in Britain today?</u> Key Learning <ul style="list-style-type: none">Make connections between Muslim practice of the Five Pillars and their beliefs about God and the prophet Muhammad (A2).Describe and reflect on the significance of the Holy Qur'an to Muslims (B1).Describe the forms of guidance a Muslim uses and compare them to forms of guidance experience by the pupils (A2).Make connections between the key functions of the mosque and the beliefs of Muslims (A1). Key Vocabulary <ul style="list-style-type: none">ImamHajiMuezzinHalalHijabSalatMinaret Wider Offer <ul style="list-style-type: none">Use of Islamic artefacts, including viewing a Qur'an and prayer mat. Curriculum Threads Pupils will look closely at how religions (Islam) operate in Britain today.  Pupils will look in depth in a religion that the majority of our pupils do not follow. 	<u>If God is everywhere, why go to a place of worship?</u> Key Learning <ul style="list-style-type: none">Make connections between how believers feel about places of worship in different traditions (A3).Select and describe the most important functions of a place of worship for the community (B3).Give examples of how places of worship support believers in difficult times, explaining why this matters to believers (B2).Present ideas about the importance of people in a place of worship, rather than the place itself (C1). Key Vocabulary <ul style="list-style-type: none">Anglican and BaptistOrthodox and ReformPilgrimage Curriculum Threads Pupils will look at a variety of places of worship, including from religions that are not their own.  Pupils will learn what places of worship look like and what they mean to followers of different religions  Pupils will understand how places of worship are used by the followers of those religions.  	

	<p>British Values Respect and Tolerance – Christianity Rule of Law – The Ten Commandments</p>	<p>Pupils will learn how to be respectful of others' views even when they are not the same as their own</p>  <p>British Values Respect and Tolerance – Accepting others' right to believe or not Individual Liberty – Right to choose what you believe</p>	<p>Pupils will understand what Islam looks like in Britain today, and what is considered as respectful to followers of the faith.</p>  <p>British Values Respect and Tolerance – Understanding the Muslim faith Rule of Law – The Five Pillars of Islam Democracy – Choice of clothing</p>	<p>British Values Individual Liberty – Choice of whether to attend places of worship Respect and Tolerance – Understanding why some people attend places of worship and some do not</p>		
<p>PSHE</p> <p>PSHE is learning about ourselves and others.</p>	<p><u>Being Me In My World</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Face new challenges positively and know how to set personal goals. Understand my rights and responsibilities as a citizen of my country and in my school. Make choices about my own behaviour. Understand how an individual's behaviour can impact on a group. Consider how democracy and having a voice benefits the school community. <p>Key Vocabulary</p> <ul style="list-style-type: none"> From OJS key vocabulary for subject. <p>Curriculum Threads</p>  <p>Children will discuss how it feels to be part of a positive school community and begin to consider their rights and responsibilities as a citizen of</p>	<p><u>Celebrating Difference</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Understand that cultural differences sometimes cause conflict. Understand what racism is. how rumor-spreading and name-calling can be bullying behaviours. Explain the difference between direct and indirect types of bullying. Compare my life with people in the developing world. Respect other people's cultures <p>Key Vocabulary</p> <ul style="list-style-type: none"> From OJS key vocabulary for subject. <p>Curriculum Threads</p>  <p>Children will work on understanding and respecting their own and other people's cultures – this will raise awareness of what racism is.</p>	<p><u>Dreams and Goals</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Understand that I will need money to help me achieve some of my dreams. Know about a range of jobs and how much people earn in different jobs. Identify a job I would like to do when I grow up. Describe dreams and goals of young people in a culture different. Consider similarities and differences in aspirations between myself and young people in a different culture. Encourage my peers to support young people here and abroad to meet their aspiration. <p>Key Vocabulary</p> <ul style="list-style-type: none"> From OJS key vocabulary for subject. 	<p><u>Healthy me</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Know the health risks of smoking. Identify some of the risks with misusing alcohol, including anti-social behaviour. Know and can put into practice basic emergency aid procedures. Understand how the media, social media and celebrity culture promotes certain body types. Describe the different roles food can play in people's lives. Know what makes a healthy lifestyle <p>Key Vocabulary</p> <ul style="list-style-type: none"> From OJS key vocabulary for subject. <p>Curriculum Threads</p>  <p>Children reflect on their own and other's body image and how everyone is different</p>	<p><u>Relationships</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Have an accurate picture of who I am as a person in terms of my characteristics and personal qualities. Understand that belonging to an online community can have positive and negative consequences. Recognise when an online community is helpful or unhelpful. Know there are rights and responsibilities when playing a game online. Recognise when I am spending too much time using devices. Explain how to stay safe when using technology to communicate with my friends. <p>Key Vocabulary</p>	<p><u>Changing Me</u></p> <p>Key Learning</p> <ul style="list-style-type: none"> Be aware of my own self-image and how my body image fits into that. Explain how a girl's body changes during puberty and understand the importance of looking after yourself physically and emotionally. Describe how boys' and girls' bodies change during puberty. Identify what I am looking forward to about becoming a teenager Identify what I am looking forward to when I move to my next class. <p>Key Vocabulary</p> <ul style="list-style-type: none"> From OJS key vocabulary for subject. <p>Curriculum Threads</p> 

	<p>both our country and our school.</p> <div></div> <p>Ground rules/expectations agreed and set through class charter</p>	<div></div> <p>Consider a range of real-life bullying behaviours and explain the impact these may have on everyone involved, explaining the different roles that people have within each scenario and offer solutions</p> <div></div> <p>By looking at how to resolve situations where bullying may occur, children consider a range of strategies to deal with it if it happens to them.</p>	<p>Curriculum Threads</p> <div></div> <p>Children think about the future and what they would like to do with their lives in relation to jobs/careers and associated wages.</p> <div></div> <p>Children investigate current jobs and salaries Appreciate the similarities and differences between themselves and people in a different culture</p>	<div></div> <p>Children look at the real-life health risks associated with smoking and alcohol.</p> <div></div> <p>Children put into practice basic emergency aid procedures and find out how to get help in emergency situations. They consider the benefits of healthy eating.</p>	<ul style="list-style-type: none">From OJS key vocabulary for subject. <p>Curriculum Threads</p> <div></div> <p>Curiosity provoked through subject material of online gaming and electronic devices.</p> <div></div> <p>Children explain how to stay safe when using technology to communicate with my friends, including how to stand up for themselves, negotiate and to resist peer pressure. They think about how long they are spending online.</p>	<p>Children explain how boys and girls change during puberty and why looking after themselves physically and emotionally is important.</p> <div></div> <p>Children consider how changes at puberty might affect them and their friends, what they may feel at different times and how to get help/advice during this time.</p>
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