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Context	Autumn 1 How War changed the world. WW2	Autumn 2 How War changed the world. WW2	Spring 1 Space – Infinity and Beyond	Spring 2 Space – Infinity and Beyond	Summer 1 What have the Greeks done for us?	Summer 2 What have the Greeks done for us?
English	Spelling -Twinkl Plan it , Handwriting -Letterjoin, Punctuation and Grammar					
	Goodnight Mr Tom Newspapers Poetry Diary Writing Newspaper reports Persuasive writing Debating Non chronological reports Setting descriptions	Goodnight Mr Tom Character descriptions Persuasive writing Explanation Texts Instructions Poetry	Pandora Information texts Setting descriptions Character descriptions Diary entry	Here We Are Talk for writing Non- Fiction	Odysseus Character descriptions	Theseus and the Minotaur Talk for Writing - Myth Report Writing Persuasive writing
Reading	Preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience Understand what they read by: Checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context Asking questions to improve their understanding Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence Predicting what might happen from details stated and implied Summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas Identifying how language, structure and presentation contribute to meaning Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader Distinguish between statements of fact and opinion Retrieve, record and present information from non-fiction Participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously Explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary Provide reasoned justifications for their views					
Writing / Spag	We will teach the following objectives throughout the year: Converting nouns or adjectives into verbs using suffixes [for example, –ate; –ise; –ify] Verb prefixes [for example, dis–, de–, mis–, over– and re–]					

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	Relative clauses beginning with who, which, where, when, whose, that, or an omitted relative pronoun Indicating degrees of possibility using adverbs [for example, perhaps, surely] or modal verbs [for example, might, should, will, must] Devices to build cohesion within a paragraph [for example, then, after that, this, firstly] Linking ideas across paragraphs using adverbials of time [for example, later], place [for example, nearby] and number [for example, secondly] or tense choices [for example, he had seen her before] Brackets, dashes or commas to indicate parenthesis Use of commas to clarify meaning or avoid ambiguity Use further prefixes and suffixes and understand the guidance for adding them Spell some words with 'silent' letters [for example, knight, psalm, solemn] Continue to distinguish between homophones and other words which are often confused Use knowledge of morphology and etymology in spelling and understand that the spelling of some words needs to be learnt specifically, as listed in English Appendix 1 Use dictionaries to check the spelling and meaning of words Use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary Use a thesaurus					
Maths	Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit.	Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.	Compare and order fractions whose denominators are all multiples of the same number.	Solve comparison, sum and difference problems using information presented in a line graph.	Multiplication and divisionlong multiplication, short division- contextualised- recap and revise- reasoning	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0
	Identify, represent and estimate numbers using the number line. Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000. Describe and extend number sequences including those with multiplication and division steps and those where the step size is a decimal. Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000. Solve number problems and practical problems that involve all of the above. Find 1, 10, 100, 1000 and other powers of 10 more or less than a given number than a given number. Identify, represent and estimate numbers using the number line. Recognise and use thousandths and	Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates. Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths. Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and	Convert between mixed numbers and improper fractions and vice versa. Add and subtract fractions with the same denominator, and denominators that are multiples of the same number Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams. Solve problems which require knowing percentage and decimal equivalents of , , , , and those	Complete, read and interpret information in tables, including timetables. Solve problems involving converting between units of time. Use the properties of rectangles to deduce related facts and find missing lengths and angles. Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints. Estimate volume [for example, using 1 cm3 blocks to build	Fractions, decimals and percentages- Revision. Multiplying, converting between fractions, decimals and percentages. Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place. Read, write, order and compare numbers with up to 3 decimal places. Calculate and compare the area of rectangles (including squares) including using standard units, square centimetres (cm2) and square metres (m2) and estimate the area of irregular shapes. Measure and calculate the perimeter of composite rectilinear shapes in centimetres and	They should recognise and describe linear number sequences (for example, 3, 3 1/2 , 4, 4 1/2 …), including those involving fractions and decimals, and find the term-toterm rule in words (for example, add 1/2). Pupils interpret non-integer answers to division by expressing results in different ways according to the context, including with remainders, as fractions, as decimals or by rounding (for example, 98 ÷ 4 = 98/4 = 24 r 2 = 24 1/2 = 24.5 ≈ 25). Area and perimeter. Work out

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	relate them to tenths, hundredths and decimal equivalents. Identify the value of each digit to three decimal places. Read, write, order and compare numbers with up to three decimal places. Find 0.01, 0.1, 1, 10, 100, 1000 and other powers of 10 more or less than a given number than a given number. Count forwards and backwards in decimal steps. Describe and extend number sequences including those with multiplication and division steps and those where the step size is a decimal. Round decimals with two decimal places to the nearest whole number and to one decimal place. Read and write decimal numbers as fractions.Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. Solve problems involving number up to three decimal places. Add and subtract whole numbers with more than 4 digits and decimals with two decimal places, including using formal written methods (columnar addition and subtraction). Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting, written method). Rounding to check and for accuracy. Use estimation and inverse to check answers to calculations and determine, in the	interpret remainders appropriately for the context. Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign. *Missing number sentences* Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm2) and square metres (m2) and estimate the area of irregular shapes Identify multiples and factors inc. factor pairs and common factors. Know and use vocab. Of prime numbers, prime factors and composite numbers. Identify prime numbers up to 100. Recall prime numbers up to 19. Recognise square and prime numbers and use the notation for them.	fractions with a denominator of a multiple of 10 or 25. Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign. *Missing number sentences* Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm2) and square metres (m2) and estimate the area of irregular shapes Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know	cuboids (including cubes)] and capacity [for example, using water] Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) Read, write, order and compare numbers with up to three decimal places. Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.	metres. Distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Complete, read and interpret information in tables, including timetables. Identify 3D shapes, including cubes and other cuboids, from 2D representations.	percentages of amounts- discounts etc and apply them to real life word problems. •solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign •solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates- look at ratio.

	context of a problem, an appropriate degree of accuracy. Solve addition and subtraction multi - step problems in contexts, deciding which operations and methods to use and why. Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. Draw given angles and measure them in degrees (°). Distinguish between regular polygons based on reasoning about equal sides and angles. Use the properties of rectangles to deduce related facts and find missing lengths and angles. Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres. Solve comparison, sum and difference problems using information presented in a line graph.Add and subtract numbers mentally with increasingly large numbers and decimals to two decimal places. Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting, written method). Select a mental strategy appropriate for the numbers involved in the calculation. Solve comparison, sum and difference problems using information presented in a line graph. Add and subtract numbers mentally with increasingly large numbers and		that the shape has not changed. Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints . convert between different units of metric measure [for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre] Solve problems involving converting between units of time			

	decimals to two decimal places. Choose an appropriate strategy to solve a calculation based upon the numbers involved (recall a known fact, calculate mentally, use a jotting, written method). Select a mental strategy appropriate for the numbers involved in the calculation					
Science						
	Properties and changes of Materials Classify materials according to a variety of properties. Understand mixtures & solutions.	Properties and changes of Materials Classify materials according to a variety of properties. Understand mixtures & solutions.	The Earth, Sun and Moon Understand location and interaction of Sun, Earth & Moon and know the other planets of the solar system. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.	The Earth, Sun and Moon Understand location and interaction of Sun, Earth & Moon and know the other planets of the solar system. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.	Animals including Humans Health and lifestyle, including the circulatory system, describing the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. Describe how nutrients and water are carried through animals, including humans. All Living things and their Habitats Life cycles of plants & animals (inc. mammal, insect, bird, amphibian). The life process and reproduction in some animals and plans. The changes as humans develop into old age. Describe changes as humans develop & mature.	All Living things and their Habitats Life cycles of plants & animals (inc. mammal, insect, bird, amphibian). The life process and reproduction in some animals and plans. The changes as humans develop into old age. Describe changes as humans develop & mature.
Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. Taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate. Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. Using test results to make predictions to set up further comparative and fair tests. Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations. Identifying scientific evidence that has been used to support or refute ideas or arguments.						
ICT	Design & write programs to solve problems. Use sequences, repetition, inputs, variables and outputs in programs. Detect & correct errors in programs. Understand uses of networks for collaboration & communication. Be discerning in evaluating digital content. Use technology safely, respectfully and responsibly. Select, use and combine a variety of software.				use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content ♣	use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating

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					select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information ♣ use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	digital content ♣ select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information ♣ use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.
PSHCE	Jigsaw	Jigsaw	Jigsaw	Jigsaw	Jigsaw	Jigsaw
R.E School follows the Locally Agreed Statutory RE Curriculum, revised for September 2013	WHY DO PEOPLE MAKE PILGRIMAGES? IS LIFE LIKE A JOURNEY?	HOW & WHY DO PEOPLE CELEBRATE RELIGIOUS FESTIVALS? Include Wesak.	WHY CAN HOLDING BELIEFS BE DIFFICULT?	WHY CAN HOLDING BELIEFS BE DIFFICULT?	WHAT ANSWERS MIGHT BE GIVEN BY BUDDHISTS & OTHERS ABOUT LIFE?	WHAT RELIGIONS ARE FOUND IN OUR COMMUNITIES?
Art/Design		<u>Images of War:</u> European Artists Use sketchbooks to collect, record, review, revisit & evaluate ideas. Improve mastery of techniques such as drawing, painting and sculpture with varied materials.	<u>Design Rockets</u> Use sketchbooks to collect, record, review, revisit & evaluate ideas. Improve mastery of techniques such as drawing, painting and sculpture with varied materials. Learn about great	<u>Design Planets</u> Use sketchbooks to collect, record, review, revisit & evaluate ideas. Improve mastery of techniques such as drawing, painting and sculpture with varied materials. Learn about	<u>Design Greek Urns</u> to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] ♣ about great artists, architects and designers in history.	<u>Design Greek Tiles</u> to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] ♣ about great artists, architects and designers in history.

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		Learn about great artists, architects & designers.	artists, architects & designers	great artists, architects & designers		
History	World War Two -Causes/countries involved -Evacuation -War at home -Propaganda -Trenches -Women at War - Artillery		-		Ancient Greece – a study of Greek life and achievements and their influence on the western world	Ancient Greece – a study of Greek life and achievements and their influence on the western world
Geography	Locate the countries involved in WW2 on a world map. Look at maps of UK in relation to evacuation	Locate the countries involved in WW2 on a world map. Look at maps of UK in relation to evacuation		Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, The Tropics of Cancer and Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones.	locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied	locate the world's countries, using maps to focus on Europe (including the location of Russia) and North and South America, concentrating on their environmental regions, key physical and human characteristics, countries, and major cities understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America use maps, atlases, globes and digital/computer mapping to locate

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						countries and describe features studied
P.E	Football-Stuart	Football-Stuart	Dodgeball	Space themed fitness	use running, jumping, throwing and catching in isolation and in combination ♣ play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending ♣ develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]	use running, jumping, throwing and catching in isolation and in combination ♣ play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending ♣ develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics]
	Use running, jumping, catching and throwing in isolation and in combination. Play competitive games, applying basic principles. Develop flexibility & control in gym, dance & athletics. Take part in Outdoor & Adventurous activities. Compare performances to achieve personal bests. Swimming proficiency at 25m (KS1 or KS2).					
	Swimming					
D.T	Shelter Building Testing materials Designing and evaluating Anderson Shelters Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.	Cooking Using rations creating a VE DAY meal Budgeting and cooking skills	Solar system model Apply understanding of how to strengthen, stiffen and reinforce structures.	What would a journey through your body be like? Understand and apply the principles of a healthy and varied diet.	Greek Salad Cook savoury dishes for a healthy & varied diet	
Design: Use research& criteria to develop products which are fit for purpose and aimed at specific groups. Use annotated sketches, cross-section diagrams & computer-aided design. Make: Select from a wide range of tools and equipment to perform practical tasks. Select from a wide range of materials and components. Evaluate: Analyse & evaluate existing products and improve own work. Understand key events and individuals in the world of design						

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Music	Russell	Russell	Russell	Russell	Russsell	Russell
	Pupils should be taught to sing and play musically with increasing confidence and control. They should develop an understanding of musical composition, organising and manipulating ideas within musical structures and reproducing sounds from aural memory. Pupils should be taught to: ♣ play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression ♣ improvise and compose music for a range of purposes using the inter-related dimensions of music ♣ listen with attention to detail and recall sounds with increasing aural memory ♣ use and understand staff and other musical notations ♣ appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians ♣ develop an understanding of the history of music.					
Trips/Visits		York residential / Eden Camp / Air Museum		Planetarium	Harrington Reservoir	Glaramara, Borrowdale – residential 2 nights
French			The Planets	The Planets		
Listen & engage. Engage in conversations, expressing opinions. Speak in simple language & be understood. Develop appropriate pronunciation. Present ideas & information orally. Show understanding in simple reading. Adapt known language to create new ideas. Describe people, places & things. Understand basic grammar, e.g. gender.						