

Themes							
		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English - Pathways to Write	Reading (Ashley Booth)	Fluency texts Class novel - Quick Questions Class reading + questions Independent reading	Fluency texts Class novel - Quick Questions Class reading + questions Independent reading	Fluency texts Class novel - Quick Questions Class reading + questions Independent reading	Fluency texts Class novel - Quick Questions Class reading + questions Independent reading	Fluency texts Class novel - Quick Questions Class reading + questions Independent reading	Fluency texts Class novel - Quick Questions Class reading + questions Independent reading
	Phonics/ Spelling SPAG	Word list – Years 3, 4, 5 and 6 Adding -ed, -ing, -er, -est, -en to words with more than one syllable (Y3/4*) Adding suffixes beginning with vowel letters to words ending in -fer Words containing the letter string ough	Word list - Years 5 and 6 Endings which sound like /ʃəs/ spelt -cious and -tious Use of the hyphen Homophones and other words that are often confused Personal spelling log	Word list - Years 5 and 6 Words with the /i:/ sound spelt ei after c Words with 'silent' letters (i.e. whose presence cannot be predicted from the pronunciation of the word) Contractions	Word list - Years 5 and 6 Converting nouns or adjectives into verbs using suffixes: -ate, -ise, -ify Words ending in -able/-ably and -ible/-ibly Homophones and other words that are often confused Personal spelling log	Word list - Years 5 and 6 Words ending in -ant, -ance/-ancy Words ending in -ent, -ence/-ency Use of the hyphen	Word list - Years 5 and 6 Homophones and other words that are often confused Personal spelling log
	Handwriting	3 x week practise	3 x week practise	3 x week practise	3 x week practise	3 x week practise	3 x week practise
	Writing	Narrative: Flashback story	Hybrid text: information and	Classic fiction and explanation	Journalistic and discussion texts	Biography	Narrative fiction Autobiography

		and information text	explanation				
	Core Text	Star of Fear, Star of Hope by Joe Hoestlandt	Can we save the tiger? By Martin Jenkins	The Selfish Giant by Oscar Wilde	The Island by Jason Chin	Manfish by Jennifer Berne	Sky Chasers by Emma Carroll (Transition Unit)
	Poetry	The Blitz	A Tiger in the Zoo	Guarding Secrets	The Sea	For Forest	Sonnet Written at the close of Spring
Maths - White Rose Maths	Number	<p>Place Value (Numbers to 1,000,000, Numbers to 10,000,000, Read and write numbers to 10,000,000, Powers of 10, Number line to 10,000,000, Compare and order any integers, Round any integer and Negative numbers. Addition, Subtraction, Multiplication and Division (Add and subtract integers, Common factors, Common multiples, Rules of divisibility, Primes to 100, Square and cube numbers, Multiply up to a 4-digit number by a 2-digit number,</p>	<p>Fractions A (Equivalent fractions and simplifying, Equivalent fractions on a number line, Compare and order (denominator), Compare and order (numerator), Add and subtract simple fractions, Add and subtract any two fractions, Add mixed numbers, Subtract mixed numbers and Multi-step problems) Fractions B Multiply fractions by integers, Multiply fractions by fractions, Divide a fraction by an integer, Divide any fraction by an integer, Mixed questions with fractions, Fraction of an amount and Fraction of an</p>	<p>Ratio (Add or multiply? Use ratio language, Introduction to the ratio symbol, Ratio and fractions, Scale drawing, Use scale factors, Similar shapes, Ratio problems, Proportion Problems and Recipes) Algebra (1-step function machines, 2-step function machines, Form expressions, Substitution, Formulae, Form equations, Solve 1-step equations, Solve 2-step equations, Find pairs of values and Solve problems with two unknowns) Decimals</p>	<p>Fractions, decimals and percentages (Decimal and fraction equivalents, Fractions as division, Understand percentages, Fractions to percentages, Equivalent fractions, decimals and percentages, Order fractions, decimals and percentages, Percentage of an amount - one step, Percentage of an amount - multi-step and Percentages - missing values) Statistics Line graphs, Dual bar charts, Read and interpret pie charts, Pie charts with percentages,</p>	<p>Problem Solving TTRS</p>	<p>Problem Solving TTRS</p>

		Solve problems with multiplication, Short division, Division using factors, Introduction to long division, Long division with remainders, Solve problems with division, Solve multi-step problems, Order of operations, Mental calculations and estimation and Reason from known facts. TTRS	amount - find the whole) TTRS	Place value within 1, Place value - integers and decimals, Round decimals, Add and subtract decimals, Multiply by 10, 100 and 1,000, Divide by 10, 100 and 1,000, Multiply decimals by integers, Divide decimals by integers and Multiply and divide decimals in context) TTRS	Draw pie charts and The mean) TTRS		
	Shape, Space and Measure		Converting units (Metric measures, Convert metric measures, Calculate with metric measures, Miles and kilometres and Imperial measures)		Area, perimeter and volume (Shapes - same area, Area and perimeter, Area of a triangle - counting squares, Area of a right-angled triangle, Area of any triangle, Area of a parallelogram, Volume - counting cubes and Volume of a cuboid)	Shape (Measure and classify angles, Calculate angles, Vertically opposite angles, Angles in a triangle, Angles in a triangle - special cases, Angles in a triangle - missing angles, Angles in a quadrilateral, Angles in polygons, Circles, Draw shapes accurately and Nets of 3-D shapes)	

						Position and direction (The first quadrant, Read and plot points in four quadrants, Solve problems with coordinates, Translations and Reflections)	
Science - Kapow		<p>Classifying big and small:</p> <p>Broadening their knowledge of grouping vertebrates, invertebrates, plants and micro-organisms by shared characteristics, the children learn about Carl Linnaeus's development of the Linnaean and binomial classification systems and use branching and number keys to sort and identify organisms.</p>	<p>Evolution and inheritance:</p> <p>Studying patterns in humans and other species, the children learn about inherited and environmental characteristics, understand how observations led Darwin and Wallace to develop theories, model finch variation and natural selection to explain species evolution and explore fossil evidence supporting this theory.</p>	<p>Light and Reflection:</p> <p>Proving that light travels in a straight line, the children explain observations of reflection and shadows, how our eyes allow us to see, how mirrors can be used in various ways and investigate factors affecting the size of shadows and the laws of reflection.</p>	<p>Circuits, batteries and switches:</p> <p>Revisiting electrical circuits, the children draw conventional circuit diagrams, use models to explain current, resistance and voltage, compare batteries and their effects on bulb brightness and apply their knowledge to design and create practical devices.</p>	<p>Animals, including humans - Circulation and health</p> <p>:Studying the human circulatory system, the children learn about the roles of the heart, blood and blood vessels, use models to demonstrate their functions, explore how lifestyle choices affect health, advise patients using secondary sources, investigate the relationship between exercise and heart rate and analyse secondary data to understand fitness.</p>	<p>Are some sunglasses safer than others?</p> <p>Exploring sun safety, the children investigate the efficacy of different sunglasses, devise enquiries to test light and UV transmission of the lenses, draw a conclusion about the best sunglasses and summarise their findings through presentations and advertisements.</p>
RE - Questful		Life as a journey: Is every person's	Advent: How do Christians prepare	The Eucharist: Why do Christians	Jesus: Who was Jesus? Who is	Ascension and Pentecost:	God: What is the nature and

		<p>journey the same? Unit 6.1. Children will learn:</p> <ul style="list-style-type: none"> - that pilgrimage is a special journey made by people of faith. - that the life journey of people in the Bible influences the behaviour and choices of Christians today. - that some Christians are persecuted and a life of faith is a challenge. 	<p>for Christmas? Unit 6.2. Children will learn:</p> <ul style="list-style-type: none"> - Advent is a time of preparation and the season of hope. - during Advent the church spends time focussing on the promise of Jesus' return. - Christians believe that Jesus is the promised Messiah, but Jewish people do not. - different denominations within Christianity hold differing beliefs about the importance and status of Mary. 	<p>celebrate the Eucharist? Unit 6.3. Children will learn:</p> <ul style="list-style-type: none"> - that the Eucharist is an important celebration - that the Eucharist is celebrated by Christians worldwide. - that there is a direct link between the life and words of Jesus and the Eucharist. <p>The Exodus: Why is the Exodus such a significant event in Jewish and Christian history? Unit 6.3A. Children will learn:</p>	<p>Jesus? Unit 6.4. Children will learn:</p> <ul style="list-style-type: none"> - the names that are given to Jesus to describe his character and purpose. - that Christians believe Jesus is the Messiah and that he came to rescue all people. - explain the connection between incarnation and salvation. - that Muslims believe that Jesus is one of the five greatest messengers of God. 	<p>What is the importance of Ascension and Pentecost to Christians? Unit 6.5. Children will learn:</p> <ul style="list-style-type: none"> - Ascension and Pentecost are key events in Christianity. - that Christians believe that people's lives can be transformed by the Holy Spirit 	<p>character of God? Unit 6.6. Children will learn:</p> <ul style="list-style-type: none"> - that Christians believe God is Father, Son and Holy Spirit, the Trinity. - that Bible stories are used to answer questions about God and can talk about them. - that there are similarities and differences between the names given to God by people of all world faiths.
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			<ul style="list-style-type: none">- the themes of Advent tell the 'big story' of God's salvation plan	<ul style="list-style-type: none">- that the Exodus is a significant event in Jewish and Christian history.- that the Seder is the special meal celebrated by Jews on the first evening of the festival of Passover.- that Christianity is rooted in Judaism and Jesus celebrated the Passover.- that for Jewish people the events of the Exodus and Passover	<ul style="list-style-type: none">- that Hindus believe Jesus was a holy man, a wise teacher and a 'god'.- that many Buddhists refer to Jesus as an 'enlightened man'.- that Jews believe Jesus was a teacher and a healer but not the Messiah.- that people of no faith generally acknowledge that Jesus was a wise, moral teacher		
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				are very important. - that Christians remember the Passover and the Last Supper during the Eucharist			
	Links with other Religions	Islam, Judaism, Hinduism and Sikhism		Judaism	Buddhism, Hinduism, Islam, Judaism and Humanism		Islam and Hinduism
	Christian Value						
Geography - Kapow			Why does population change? Investigating why certain parts of the world are more populated than others; exploring birth and death rates; discussing social, economic and environmental push and pull factors; learning about the population in Britain and its impacts.		Where does our energy come from? Learning about renewable and non-renewable energy sources, where they come from and their impact on society, the economy and the environment.		Can I carry out an independent fieldwork enquiry? Observing, measuring, recording and presenting their own fieldwork study of the local area.

	Field Work		How is populating impacting our local area? Data collection in a local urban area (Barrow)		Where is the best place for solar panels on the school grounds? (School site)		Collecting the data. (Local area)
History - Kapow		<p>What was the impact of WW2 on the people of Britain?</p> <p>Investigating the causes and consequences of the events leading to World War 2; learning from oral histories about the Battle of Britain; investigating the impact of the Blitz and evacuation on people's lives; and evaluating the usefulness of different sources to answer an enquiry question.</p>		<p>Unheard histories: Who should go on the £10 banknote?</p> <p>Investigating why historical figures are on banknotes and learning about the criteria for historical significance.</p>		<p>What does the census tell us about our local area? Investigating local histories from the Victorian to the inter-war period, children explore census records. They learn about the census, its purpose and its changes over time. Children suggest reasons for these changes, linking them to national events. Planning their own historical enquiry, they research a local family or street.</p>	

<p>Computing - Purple Mash</p>		<p>Unit 6.1 - Coding</p> <ul style="list-style-type: none"> • To design a playable game with a timer and a score. • To plan and use selection and variables. • To understand how the launch command works. • To use functions and understand why they are useful. • To understand how functions are created and called. • To use flowcharts to create and debug code. • To create a simulation of a room in which devices can be controlled. • To understand how user input can be used in a program. • To understand how 2Code can be used to make a text-adventure game. <p>Key Learning Key Resources Tools 2Dos 2Chart Free code gorilla Key</p>	<p>Unit 6.4 - Blogging</p> <ul style="list-style-type: none"> • To identify the purpose of writing a blog. • To identify the features of a successful blog. • To plan the theme and content for a blog. • To understand how to write a blog and a blog post. • To consider the effect upon the audience of changing the visual properties of the blog. • To understand how to contribute to an existing blog. • To understand how and why blog posts are approved by the teacher. • To understand the importance of commenting on blogs. <p>Unit 6.5 - Text Adventures</p> <ul style="list-style-type: none"> • To find out what a text adventure is. • To use 2Connect to plan a story adventure. • To make a story-based adventure using 2Create a Story. • To read and understand given code for a text 	<p>Unit 6.6 - Networks</p> <ul style="list-style-type: none"> • To learn about what the Internet consists of. • To find out what a LAN and a WAN are. • To find out how the Internet is accessed in school. • To research and find out about the age of the Internet. • To think about what the future might hold. <p>(4 lessons total)</p>	<p>Unit 6.7 - Quizzing</p> <ul style="list-style-type: none"> • To create a picture-based quiz for young children. • To learn how to use the question types within 2Quiz. • To explore the grammar quizzes. • To make a quiz that requires the player to search a database. • To make a survey and analyse the responses. <p>(6 lessons total)</p>	<p>Unit 6.8 - Understanding Binary</p> <ul style="list-style-type: none"> • To examine how whole numbers are used as the basis for representing all types of data in digital systems. • To recognise that digital systems represent all types of data using number codes that ultimately are patterns of 1s and 0s (called binary digits, which is why they are called digital systems). • To understand that binary represents numbers using 1s and 0s and these represent the on and off electrical states respectively in hardware and robotics. <p>(4 lessons total)</p>	<p>Unit 6.9 - Spreadsheets</p> <ul style="list-style-type: none"> • To know what a spreadsheet looks like. • To navigate and enter data into cells. • To introduce some basic data formulae for percentages, averages and max and min numbers. • To demonstrate how the use of spreadsheets can save time and effort when performing calculations. • To use a spreadsheet to model a situation. • To demonstrate how a spreadsheet can make complex data clear by manipulating the way it is presented. • To create a variety of graphs in sheets. • To apply spreadsheet skills to solving problems. <p>(8 lessons total)</p>
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		<p>Unit 6.2 - Online Safety</p> <ul style="list-style-type: none"> • To identify benefits and risks of mobile devices broadcasting the location of the user/device. • To identify secure sites by looking for privacy seals of approval. • To identify the benefits and risks of giving personal information. • To review the meaning of a digital footprint. • To have a clear idea of appropriate online behaviour. • To begin to understand how information online can persist. • To understand the importance of balancing game and screen time with other parts of their lives. • To identify the positive and negative influences of 	<p>adventure game.</p> <ul style="list-style-type: none"> • To debug and improve a text adventure game. <p>(8 lessons total)</p>				
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		technology on health and the environment. (8 lessons total)					
Art and Design - Kapow		Craft and design: Photo opportunity: Developing photography skills and techniques to design a range of creative photographic outcomes.		Drawing: Expressing ideas: Exploring how artists express ideas and how they use scale to do so.		Sculpture and 3d: Making memories: Creating a personal memory box using a collection of found objects and hand-sculptured forms, reflecting primary school life with symbolic and personal meaning.	
	Artists	Derek O Boateng Chuck Close Albrecht Durer Hannah Hoch Graham Holland Edvard Munch Chris Plowman Edward Weston		Dan Fenelon Diego Rivera Leonardo Da Vinci		Judith Scott Yinka Shinobare Nicola Anthony Louise Nevelson Joseph Cornell	
Design Technology - Kapow			Structures: Playgrounds: Research existing playground equipment and their different forms, before designing and developing a range of apparatus to meet a list of specified design criteria.		Textiles: Stockings: Using a combination of textile skills such as attaching fastenings, appliqué and decorative stitches, the children design, assemble and decorate a Christmas stocking.		Electrical Systems: Steady hand game: Understand what is meant by fit for purpose design and form follows function. Design and develop a steady hand game using a series circuit, including housing and backboard.

Music - Kapow		Songs of World War 2: Developing greater accuracy in pitch and control; identifying pitches within an octave when singing and using knowledge of pitch to develop confidence when singing in parts.		Theme and variations (Theme: Pop Art): Children explore the musical concept of theme and variations and discover how rhythms can 'translate' onto different instruments.	Baroque: Exploring the music and composers of the Baroque Period and investigating the structural and stylistic features of their work.	Film Music: Exploring and identifying the characteristics of film music; creating a composition and graphic score to perform alongside a film.	Year 6 - End of Year Production
French			French numbers, calendars, birthdays Children learn French numbers 1-31, the days of the week, months of the year, dates and seasons through maths and songs and class surveys; they research of dates of French festivals and revise the unit by having a traditional French birthday celebration in the classroom.		French weather .Learning phrases to describe the weather and vocabulary for the compass points; counting from 1-100 in multiples of ten; combining this knowledge to make statements about what the temperature is in different parts of France and to deliver a weather forecast.		French food French food, cafés, ordering and menus -'Yum Yum'- or 'Miam, Miam' ! This unit introduces food vocabulary and revises numbers to 100, this time in the context of money and prices. The unit encourages children to develop their language detective skills and confidence with practical conversational French
PE - Get Set 4 Education	Session 1 - Sports Coach	Tennis	Gymnastics	Tag Rugby	Athletics	OAA	Rounders

	Session 2 - Class Teacher	Dance	Football	Fitness	Netball		
PSHE - Kapow		Family and Relationships: Learning: to resolve conflict, through negotiation and compromise; about respect, understanding that everyone deserves to be respected and about grief	Health and Wellbeing: Learning about diet, oral hygiene, physical activity and the facts around immunisation. Exploring rest and relaxation and how they affect physical and mental health. Strategies for being resilient in challenging situations and planning for long-term goals		Citizenship: Learning about: human rights, food choices and the environment, caring for others, recognising discrimination, valuing diversity and national democracy	Economic Wellbeing: Explore choices related to navigating feelings about money, keeping money safe, managing finances in secondary school, understanding the risks of gambling, considering careers in various workplaces, and identifying the paths to pursue different careers.	Safety and the changing body: Learning about: the reliability of online information, the changes experienced during puberty, how a baby is conceived and develops, the risks associated with alcohol and how to administer first aid to someone who is choking or unresponsive.
Outdoor Learning		Climate Change <ul style="list-style-type: none"> Geography: Understand how human activity contributes to climate change and environmental impact. Science: Describe how living things are adapted to their environments and how this can be affected by change. 	United Utilities Saving water Looking after the environment Local reservoirs	Great British Bird watch John, Creepy Crawleys	Vesak and Climate Change <ul style="list-style-type: none"> RE: Explain how religious beliefs influence actions and attitudes towards the environment. Geography: Understand sustainable practices and their role in protecting the planet. 	Earth Day <ul style="list-style-type: none"> Science: Recognise the importance of conservation and protecting habitats. Geography: Understand the interdependence between humans and the environment. 	Residential

Special Events/Visitors/Visits			Data collection in a local urban area (Barrow)				Residential - York, including York Minster Collecting the data (Local area)