



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Literacy	<p>Darwin's Dragons Fiction: Darwin's Discovery</p> <p>Children will explore the value of kindness and showing empathy to animals/climate change and the world.</p> <p>Beowulf (POR) Fiction: Anglo Saxons.</p>	<p>Survivors-What makes a really good survival story? Non Fiction</p> <p>A Boy, a Bear and a Boat Fiction (POR) Children reflect on their own emotions and take time to empathise with others</p>	<p>Who was the ultimate explorer? Non Fiction: Ultimate Explorers</p> <p>Children will reflect on perilous situations and how they can overcome them</p> <p>Why was Shackleton so famous? Shackleton's Journey (PoR) Children will reflect on perilous situations and how they can overcome them</p> <p>Word Detectives Week</p>	<p>Which animal makes the toughest migration? Non Fiction: Animals on the move (advocates of change)</p> <p>Children will consider what they can do to protect animals and endangered species. They will look at the impact of migration on these animals and the resilience they show.</p> <p>How can imagery be used in poetry? Poetry: Dark Sky Park Poetry (PoR)</p>	<p>Why were the Greeks such good story tellers? Fiction: Greek Myths</p> <p>Children will have the opportunity to look out towards others in the world and consider different cultures around the world</p> <p>Why was Odysseus so brave? Adventures of Odysseus (PoR)</p>	<p>How does the writer and illustrator convey powerful emotions? Fiction: I Talk Like a River(PoR) (Advocates of change)</p> <p>Children will show empathy and consider how they would offer support to someone in this situation</p> <p>Can you sell it? Persuasion: Pitch it</p>
SPAG Focus	<p>Revision 1 – Common and proper nouns, noun phrases Pronouns Revision 2 - Verbs, adverbs and prepositions Revision 3 – Coordinating and Subordinating Conjunctions Standard and Non-Standard English Word Classes Relative Clauses Relative Pronouns Punctuation – Commas, bracket, dashes for parenthesis Punctuation 2 – Punctuation vocabulary</p>	<p>Standard and non-Standard English Punctuation and Performance Revision 2 - Verbs, adverbs and prepositions Modal Verbs Modal Verbs and Adverbs Relative Clauses Commas for Clarity Dictionary Skills Homophones Hyphens after prefixes Thesaurus skills Suffixes '-able' / '-ably' and '-ible' / '-ibly'</p>	<p>Using prefixes (dis-, de-, mis-, over-) Apostrophes for contraction and possession Punctuation Text Cohesion – Adverbials of time providing cohesion Relative clauses Spoken and written language</p>			
Maths	<p>Number Unit 1 - Place value within 1,000,000 (1)</p> <p>Number Unit 2 - Place value within 1,000,000 (2)</p>	<p>Number Unit 7 - Multiplication and division (2)</p> <p>Number Unit 8 – Fractions (3)</p> <p>Number Fractions Unit 9 - Decimals and percentages</p>	<p>Geometry Unit 12 – Properties of shapes</p> <p>Geometry Unit 13 – Position and direction</p> <p>Fractions Unit 14 - Decimals</p> <p>Number and place value</p>			

	<p align="center">Number Unit 3 - Addition and subtraction</p> <p align="center">Number Unit 4 - Multiplication and division (1)</p> <p align="center">Number Unit 5 – Fractions (1)</p> <p align="center">Number Unit 6 – Fractions (2)</p>		<p align="center">Measurement Unit 10 – perimeter and area</p> <p align="center">Statistics Unit 11 - Graphs and tables</p> <p>Children will take part in The Big Plastic Count- considering the impact of plastic on our planet and supporting Greenpeace to gather evidence about the plastic waste problem</p>		<p align="center">Unit - 15 Negative numbers</p> <p align="center">Measurement Unit 16 – Converting units</p> <p align="center">Measurement Unit 17 - Volume</p>	
Times table Focus	<p>Recall multiples of 12 in any order including missing numbers and related division facts</p> <p>Recall multiples of all times tables up to 12x12 in any order</p> <p align="center">Square numbers</p> <p>Recall multiples of all times tables up to 12x12 in any order</p>		<p align="center">Cubed numbers</p> <p>Recall multiples of all times tables up to 12x12 in any order</p> <p align="center">Recall of cubed and square numbers</p> <p align="center">Prime numbers up to 50</p> <p>Recall multiples of all times tables up to 12x12 in any order</p>		<p align="center">Recall of cubed and square numbers</p> <p align="center">Prime numbers up to 50</p> <p>Recall multiples of all times tables up to 12x12 in any order</p> <p align="center">Recall of cubed and square numbers</p> <p align="center">Prime numbers up to 50</p> <p>Recall multiples of all times tables up to 12x12 in any order</p>	
Science	<p>How does a parachute work? (forces)</p> <ul style="list-style-type: none"> • What is the effect of friction, air resistance and gravity? • What is upthrust? • What is a machine? • contact/non-cont act forces <p>Think about how there are fundamental rules that govern how objects interact with each other..</p>	<p>Does everything in space revolve around us? (Earth and Space)</p> <ul style="list-style-type: none"> • Solar system. • Day and night. • Why does the sun move across the sky? <p>(GG13 Advocates for Change) Climate Breakdown/Greenhouse effect Solar system</p> <p>Consider our planet, its relative size and position in the wider extraordinary universe.</p>	<p>Can I unbake a cake? (materials reversible and irreversible changes)</p> <ul style="list-style-type: none"> • Can mixtures be separated? • What is a solution? • Reversible and irreversible changes. 	<p>What is 'The circle of life'? (living things and their habitats)</p> <ul style="list-style-type: none"> • Compare animal life cycles. • Reproduction in plants <ul style="list-style-type: none"> • set up ecosystems for the rest of the year or term. <p>Appreciate all life forms and celebrate the different species that we are able to have in our world.</p>	<p align="center">British Science week</p>	<p>How do we change from a baby to an adult? (animals including humans)</p> <ul style="list-style-type: none"> • What happens as we get older? • Do people grow at the same speed? <p>Puberty and changes in humans will be taught as part of PSHE</p> <p>Consider how incredible the changes that our bodies and minds are as we grow from a foetus to an old person.</p>

Computing	Systems and searching (5.1) Recognising IT systems in the world and how some can enable searching on the internet Additional Unit - Connect Lesson 2	Video production (5.2) Planning, capturing, and editing video to produce a short film.	Selection in physical computing (5.3) Exploring conditions and selection using a programmable microcontroller.	Flat-file databases (5.4) Using a database to order data and create charts to answer questions.	Introduction to vector graphics (5.5) Creating images in a drawing program by using layers and groups of objects.	Selection in quizzes (5.6) Exploring selection in programming to design and code an interactive quiz.
RE	U2.1 What does it mean if Christians believe God is holy and loving? (UC- God) The children will spend time considering the loving nature of God, in christian's worldview and how this impacts their behaviour and outlook on life.	U2.8 What does it mean to be a Muslim in Britain today? The children will consider Muslims in a British context, their faith and how they live it out in Britain today. They will meet and talk to a British Muslim about their faith. (Tawhid/Iman/Ibadah)	U2.3 Why do Christians believe Jesus was the Messiah? We will think about the implications of Jesus being 'more than a man' and why Christians believe this. (UC- Incarnation)	U2.9 Why is the Torah so important to Jewish people? The children will learn about the incredibly rich cultural heritage of the Jewish people and what it is about the Torah that makes it special. (God/Torah)	U2.4 Christians and how to live: 'What would Jesus do?' (UC- Gospel) Vine Lesson-How do humans use animals? Are these uses of animals fair/acceptable? We will consider if the life and examples set by Jesus provide a good framework for living in today's modern world.	U2.10 What matters most to Humanists and Christians? Think about what people of a religious christian perspective and a non-religious world view, consider to be good and what similarities and differences arise.
History & Geography	What impact did the Anglo Saxons have on the North East? <ul style="list-style-type: none"> Explore Anglo Saxon life and their impact on areas in the North East. Find out about typical Saxon punishments. Learn about Alfred the Great. Holy Island We will consider the historical legacy of the Anglo Saxons on our north eastern identity, thinking about how the deep past can still have an influence on our lives today.	Exploring Scandinavia <ul style="list-style-type: none"> To be able to locate Scandinavia's countries and major cities on a world map. To explore the climate and weather of Scandinavia. To explore the physical and human features of Scandinavia To be able to compare and contrast an area in the UK with an area in Scandinavia. To be able to plan a tourist visit to a Scandinavian destination. 	What was life like in Tudor England? <ul style="list-style-type: none"> Explore Henry VIII and Anne Boylyn making deductions from sources. Use sources to make deductions about Henry VIII's wives. Identify primary sources. 	Where does our energy come from? <ul style="list-style-type: none"> Describe the significance of energy. Give examples of sources of energy and their trading routes. Discuss the benefits and drawbacks of different energy sources. Describe the significance of the Prime Meridian. Use six-figure grid references to identify features on an OS map. Consider and justify the location of energy sources. 	What did the Greeks ever do for us? <ul style="list-style-type: none"> Describe the features of Ancient Greece. Identify key periods of ancient Greek civilization. Inferences to Greek Gods. Compare Athens and Sparta. Explain how Athenian democracy worked. Identify the achievements of the ancient Greek philosophers. 	Can I carry out an independent fieldwork enquiry? <ul style="list-style-type: none"> Identify questions to be asked to find the relevant data. Design an accurate data collection template. Identify areas along a route that are best for data collection. Discuss how to mediate potential risks. Collect data at points located on an OS map. Manage risks during a fieldwork trip. Identify any outcomes from data collected. Map data digitally. Describe the enquiry process.

				Children to find out conservation and how to sustainably produce energy. Global Citizens look at the impact of energy production on climate breakdown and how we can and should steward the earth.		
MFL Children will look out towards different cultures.	Phonetics lesson 1-3 (C) Selection of core vocabulary lessons	Family (I)	My home (I)	Do you have a pet? (I)	The date (I)	Clothes (I)
PSHCE with Relationships and Sex children will look in at themselves considering their own ideas, opinions and thoughts. Show respect for others opinions ideas and feelings.	<p>What is peer pressure?</p> <ul style="list-style-type: none"> ● Identity ● Peer pressure ● Real life and online ● Informed choices ● Emotional health and wellbeing ● Support <p>Additional unit - Consent</p>	<p>How can we celebrate our strengths and set our own goals?</p> <ul style="list-style-type: none"> ● Strengths and abilities ● Appreciation ● Differences ● Future goals and aspirations ● Risks and benefits ● Internet ● Safety <p>Additional unit - Firework Safety</p>	<p>What are the effects of loneliness and isolation and how can we show care?</p> <ul style="list-style-type: none"> ● Stereotypes ● Negative ● Influence ● Behaviours <p>GG 5 – Gender equality</p> <p>Additional unit - Pick your pics</p> <p>Additional unit - PANTS (9-11)</p>	<p>What are the characteristics of healthy, positive and committed relationships?</p> <ul style="list-style-type: none"> ● Family structure ● Love, security and stability ● Single parents, same sex parents, step parents, blended families, foster parents ● Healthy family life 	<p>How can we value our bodies and minds?</p> <ul style="list-style-type: none"> ● Hygiene routines ● Cleanliness ● Germs ● Bacteria ● Virus ● Habits ● Choices <p>Additional unit - Health Education KS2 lesson 3 and 4</p>	<p>How can puberty changes affect our emotions and how can we manage this?</p> <ul style="list-style-type: none"> ● Puberty ● Physical and emotional changes ● Conflicting emotions <p>Additional unit - Road and Rail Safety Lesson 3 and 4</p>
Music Children to be given opportunities to be mindful and in the moment and to express	<p>Our Community- (Performing)</p> <p>The song Jerusalem is the basis for looking at changes through time. Children are given opportunities to compose</p>	<p>Solar System- (Listening)</p> <p>Embark on a musical journey through the solar system, exploring how our universe inspired composers including Debussy, Holst and George</p>	<p>Life Cycles- (Structure)</p> <p>Explore the human life cycle with music from Brahms, Berio, Liszt and Monteverdi. The wide variety of musical moods, styles and genres inspires</p>	<p>Keeping Healthy- (Beat)</p> <p>Children are taken through their paces and put together a performance using new musical techniques from body</p>	<p>At the Movies- (Composing)</p> <p>Explore movie music from 1920s animated films to present day movies. Learn techniques for creating soundtracks and film</p>	<p>Celebration- (Performing)</p> <p>Develop lively pieces into a performance at a school or class celebration.</p>

<p>themselves creatively with music.</p>	<p>and perform music inspired by local community, past and present.</p> <p>(Cross curricular link- History)</p> <p>Classical Musician Focus</p> <p>Gustav Holst- 'Mars' from the 'Planets'</p> <p>(BBC Ten Pieces)</p>	<p>Crumb. Children learn a song and compose pieces linked to space.</p> <p>(Cross curricular link- Science)</p> <p>Christmas Performance</p>	<p>singing, performing and composing new techniques and structures.</p> <p>(Cross curricular link- PSHE)</p>	<p>popping to gospel singing skeletons!</p> <p>(Cross curricular link- PE)</p> <p>Easter Performance</p>	<p>scored and compose own movie music.</p> <p>(Cross curricular link- English)</p>	<p>(Cross curricular link- English)</p> <p>End of Year Performance</p>
<p>Art and Design Technology</p> <p>Children to be given opportunities to be mindful and in the moment when creating art throughout the year.</p>	<p>ART: How do observational drawings improve our view of the world?</p> <p><u>Draw</u></p> <p>Sketch (lightly) to combine line and colour.</p> <p>Use a variety of techniques and materials to add interesting effects (e.g. reflections, shadows, direction of sunlight)</p>	<p>DT: What is seasonal cooking?</p> <p><u>Cooking</u></p> <p>Explore seasonal fruit and be able to know which food can be grown in the UK in the different seasons and why.</p> <p>Make and test a prototypes. Cook food safely following hygiene rules.</p> <p>Adapt a recipe.</p> <p>Design a product with a specification.</p>	<p>ART: How can I show strong emotions with colour, style and layout?</p> <p>Shackleton's journey/ arctic landscapes.</p> <p><u>Paint</u></p> <p>Create a colour palette based upon colours observed in the natural or built world and use these in art work.</p> <p>Use the qualities of watercolour to create visually interesting pieces. Develop a personal style of painting, drawing upon ideas from other artists.</p> <p>Use Colour to convey mood/meaning, feeling and emotions</p> <p><u>Draw</u></p> <p>Use a variety of techniques and materials to add interesting effects (e.g. reflections,</p>	<p>DT: How can we make a renewable energy resource?</p> <p>Wind Turbine 3D Model</p> <p>Topic - Renewable energy.</p> <p>Research renewable energy sources look like in real life. Sketch resources</p> <p>Make 2D design model and plan materials needed</p> <p>Transform into 3D model Redesign and Testing</p>	<p>ART: How can we bring Greek Myths to life?</p> <p><u>Printing</u></p> <p>Create and combine shapes to create forms</p> <p>Include texture that conveys feelings, expression or movement. Build up layers of colours. Create an accurate pattern, showing fine detail.</p> <p>Use a range of visual elements to reflect the purpose of the work.</p> <p><u>Draw</u></p> <p>Use a choice of techniques to depict movement, perspective, shadows and reflection. Choose a style of drawing suitable for the work (e.g. realistic or impressionistic).</p>	<p>DT: Can we capture the natural beauty of nature?</p> <p><u>Sculpture</u></p> <p>Linked with English book - I Talk like a River</p> <p>Observational drawings of rivers and landscapes</p> <p>Abstract art - draw different areas of natural beauty</p> <p>Design model of landscape</p> <p>Evaluate and Peer assess.</p>

			shadows, direction of sunlight)			
<p>PE Children will be given the opportunity to reflect on what their body needs to be fit and healthy and to think about how to improve their fitness levels.</p>	<p>Football Can I play for Newcastle United?</p> <ul style="list-style-type: none"> • Control • Pressure • Support <p>Badminton What skills are developed through Badminton?</p> <ul style="list-style-type: none"> • Footwork • Dig • Tactics 	<p>Gymnastics Can I create a sequence with others?</p> <ul style="list-style-type: none"> • Symmetrical • Synchronisation • Progression <p>Hockey Can I use my skills in a game?</p> <ul style="list-style-type: none"> • Teamwork • Pressure • Communication 	<p>Dance Can I communicate an idea through dance?</p> <ul style="list-style-type: none"> • Posture • Performance • Canon <p>Fitness How can I improve my fitness?</p> <ul style="list-style-type: none"> • Agility • Momentum • Drive 	<p>Tag Rugby</p> <ul style="list-style-type: none"> • Invasion skills • Team work • Control <p>Dodgeball</p> <ul style="list-style-type: none"> • Target practise • Agility • Hand eye coordination 	<p>Cricket How can I help my team?</p> <ul style="list-style-type: none"> • Tactics • Pressure • Backing up <p>Yoga What am I improving through Yoga?</p> <ul style="list-style-type: none"> • Calm • Control • Fluidity 	<p>Athletics How can I improve as an athlete?</p> <ul style="list-style-type: none"> • Technique • Stride • Rhythm <p>Tennis How can I be successful in Tennis?</p> <ul style="list-style-type: none"> • Set • Volley • Footwork