	Year 5 Overview 2019 - 2020					
	Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer2**
History	**How did the Georgian and Victorian periods help shape the Cockermouth we know today?** KLP: - Understand significant, local, historical landmarks. - Understand the impact William Wordsworth has had on our town. - Understand the importance of Georgians in the timeline of the UK and wider world. - Understand developments in Georgian and Victorian home life. - Recall significant events and the impact of the life of Queen Victoria. - Compare and contrast life in Britain and the wider world before and after the Industrial Revolution. - Understand and compare social hierarchy in the Victorian era. - Research and present information about societal change in the Georgian and Victorian eras.		**Were the Anglo-Saxons really smashing?** KLP: - Identifying the origin of British settlers using maps. - Explore Anglo-Saxon etymology. - Identify features of Anglo-Saxon religion (including changes over time). - Understand how we use evidence from the past and why it can be unreliable. - Understand that communication has developed over time (including the development of our alphabet) - Understand how laws, crime and punishment have changed over time. - Identify and research an important Anglo-Saxon.		**Why should gunpowder, treason and plot never be forgotten? The Stuarts.** KLP: - Understand factions and the role of religion in historical conflict. - Understand when and why the English Civil War happened. - Learn about key figures from history, including Oliver Cromwell, Charles 1, James 1 and Samuel Pepys. - Understand the role of the monarchy and place in the British timeline. - Understand the term 'restoration' and its implications for Britain.	
Geography	**Where in the world are we?** KLP: - Identify continents and countries, including the location of the UK, concentrating on environmental characteristics and major settlements. - Use maps, atlases, globes and digital mapping to locate countries, focusing on Europe. **Georgians** KLP: - Use eight points of a compass, symbols and keys to build knowledge of the UK and wider world. - Explain the development of industry in major cities within the UK.					**Why is London such a cool place to live?** KLP: - Understand why people visit London as a capital city. Compare to others. - Look at human characteristic over a period of time, eg population. - Analyse the architecture and building style and compare with other cities. - Use different maps to analyse the geography of London. - Describe socio-economic differences within London. - Explain the industry related to different areas of London. - Compare and contrast transport links within London.

						Why might we visit the USA? KLP: - Use maps and research to identify physical features of the USA. - Understand geographical similarities and differences through the study of human and physical geography. - Compare and contrast the physical geography of the USA including climate zones, biomes and vegetation belts, rivers, mountains, volcanoes, earthquakes and the water cycle.
Science	**Working scientifically – Crest investigations** KLP: - Plan investigations to answer questions, including recognising and controlling variables. - Use test results to make predictions to set up further comparative and fair tests. - To identify acids and alkalis using a universal indicator. - Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and heating. - Discover the process of cheese-making. - Discover the effect of enzymes on proteins. - Understand that some changes result in the formation of new materials and that this is not usually reversible. - Research the work of a famous Georgian scientist, eg. Louis Pasteur or Edward Jenner.	**Reversible/Irreversible Changes and Properties and Changes of Materials** KLP: - Know that some materials will dissolve in a liquid to form a solution and describe how to recover a substance from a solution. - Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and heating. - Understand that some changes result in the formation of new materials and that this is not usually reversible, including burning. - Demonstrate that dissolving, mixing and changes of state are reversible changes.	**Archaeology** KLP: - Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and heating. - Give reasons based on evidence from comparative and fair tests for the particular uses of everyday materials including metals, wood and plastic. - Report and present findings from enquiries, including conclusions, causal relationships and explanations of a degree of trust in results.	**Space** KLP: - Describe the movements of the earth and other planets relative to the sun in the solar system. - Describe the movement of the moon relative to the earth. - Describe the sun, earth and moon as approximately spherical bodies. - Use the idea of the earth's rotation to explain day and night and the apparent movement of the sun across the sky. - Explain the effect of the moon on our oceans (tides). - Discuss the force of gravity on planets within our solar system. - Compare and contrast size and mass of planets within our solar system. - Research and understand the role of the ISS and life on board. - Research the life of the first woman in space – Helen Sharman.	**Living and Growing** KLP: - Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. - Describe the life process of reproduction in some plants and animals. - Find out about the work of naturalists and animal behaviourists such as David Attenborough and Jane Goodall. - Ask pertinent questions and suggest reasons for similarities and differences (gestation). - Record data and results of increasing complexity using scientific diagrams and labels, tables and scatter graphs. - RSE – Know the names of the main body parts, including internal and external genitalia and why it's important to keep them private. - RSE – Learn about body changes that are a preparation for sexual maturity. - RSE – Understand the ways males and females grow and develop during puberty, physically and emotionally.	**Can you feel the force?** KLP: - Explain that unsupported objects fall towards the earth because of the force of gravity acting between the earth and the falling object. - Identify the effects of air resistance, water resistance and friction that act between moving surfaces. - Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect. - Take measures using a range of scientific equipment with increasing accuracy and precision, taking repeat readings where appropriate. - Identify scientific evidence that has been used to support or refute ideas or arguments.

					- RSE – Discuss and ask questions about changing bodily needs. - RSE – Develop ways to deal with feelings towards themselves, family and friends in a positive way.	
R.E.	**Am I always right?** KLP: Rules and social behaviour - Rules and social behaviour, consider the value of living by rules/moral precepts and discuss with self-discipline is important. Reflect on difficulty of putting principles in to practice. - Promoting healthy relationship and respecting yourself and others, acknowledging equality and diversity. - 10 Commandments. - 5 Pillars of Islam.		**How did it all start?** KLP: Creation stories Beginning of Easter – Christian + Anglo-Saxon - Creation stories from a range of faiths and secular theories. - Explore the events of the Christian Holy Week and how some people's attitude and behaviour towards Jesus changed – concept of forgiveness.		**What can we learn from religious texts?** KLP: World religions - Explore the relevance of the Bible to Christians/Jews/Muslims. - Identify symbols and artefacts and interpretations of their meaning and purpose (Buddhism). - Discuss the Sikh belief that all human beings are created equal and therefore people should be treated equally. - Explore the story of Rama and how it may contribute to people's idea of good and evil (Hinduism).	
Art	**William Morris- repeating patterns** **Architecture and structure - Watercolours** KLP: - Understand who William Morris was. - Be able to recognise artwork created by Morris. - Be able to use colours and techniques similar to Morris. - NC - Learn about great artists, architects and designers in history. - NC - To improve mastery of art and design technqiues including drawing, painting and sculpture, with a range of materials, eg. pencil, charcoal, paint, clay.	**Christmas cards/baubles/ decorations** KLP: - To use styles similar to those used in the Victorian era. - To use collage techniques to create a piece of decorative art. - To improve mastery of art and design technqiues including drawing, painting and sculpture, with a range of materials, eg. pencil, charcoal, paint, clay. - Design purposeful, functional, appealing products for themselves and other users based on design criteria. - Select from and use a range of tools and equipment to perform practical tasks, eg	**Illuminated letters** **Weaving** KLP: - Use traditional methods to weave a piece of material. - Become familiar with the use of symmetry in Anglo-Saxon art alongside other design motifs. - To improve mastery of art and design technqiues including drawing, painting and sculpture, with a range of materials, eg. pencil, charcoal, paint, clay. - Design purposeful, functional, appealing products for themselves and other users based on design criteria. - Select from and use a range of tools and equipment to perform practical tasks, eg cutting, shaping, joining and finishing.	**Rocket Art** KLP: - Develop skills using pastels in the style of Peter Thorpe. - To improve mastery of art and design techniques including drawing, painting and sculpture, with a range of materials, eg. pencil, charcoal, paint, clay.	**Fire of London tiles – clay** KLP: - To improve mastery of art and design techniques including drawing, painting and sculpture, with a range of materials, eg. pencil, charcoal, paint, clay. - Select from and use a range of tools and equipment to perform practical tasks, eg cutting, shaping, joining and finishing.	**London landmarks watercolours – perspective, Lowry** KLP: - Use sketching and watercolour skills to create a painting in the style of LS Lowry. - To improve mastery of art and design techniques including drawing, painting and sculpture, with a range of materials, eg. pencil, charcoal, paint, clay. - Learn about great artists, architects and designers in history.

		cutting, shaping, joining and finishing.	- Select from and use a wide range of materials and components including construction materials, textiles and ingredients according to their characteristics. - Learn about great artists, architects and designers in history.			
Design Technology	**Victorian dolls houses** KLP: - Use images and research to create designs from a Victorian home. - Use research of architecture to create the outside of a Victorian home. - NC - Select from and use a range of tools and equipment to perform practical tasks, eg cutting, shaping, joining and finishing. - NC - Select from and use a wide range of materials and components including construction materials, textiles and ingredients according to their characteristics.		**Runes and bags** **Anglo-Saxon dwelling (Forest School)** KLP: - Use subjects, themes and symbols to demonstrate understanding and communicate intended meaning in artwork. - Use the natural environment to recreate Anglo-Saxon building techniques. - To improve mastery of art and design technqiues including drawing, painting and sculpture, with a range of materials, eg. pencil, charcoal, paint, clay. - Design purposeful, functional, appealing products for themselves and other users based on design criteria. - Select from and use a wide range of materials and components including construction materials, textiles and ingredients according to their characteristics.	**Moon buggy** **Invention Convention/Science Week** KLP: - Design purposeful, functional, appealing products for themselves and other users based on design criteria. - Select from and use a wide range of materials and components including construction materials, textiles and ingredients according to their characteristics.		**London Eye** KLP: - Create a model of a prominent London building. - Design purposeful, functional, appealing products for themselves and other users based on design criteria. - Select from and use a range of tools and equipment to perform practical tasks, eg cutting, shaping, joining and finishing. - Select from and use a wide range of materials and components including construction materials, textiles and ingredients according to their characteristics.
Music	**First Access Brass Tuition – Reading Music, Performing & Listening**					
ICT – in class ICT sessions	**Use of internet, Word, Publisher, PPT.** 5.6 We are architects – creating a virtual space	**Repeating tiles** **Paint** 5.4 We are web developers – creating a website about cyber safety	5.1 We are game developers – developing an interactive game	**PowerPoint-Research** 5.3 We are artists – fusing geometry and art	5.5 We are bloggers – sharing experiences and opinions	5.2 We are cryptographers – cracking codes

P.E.	**Invasion Games – netball/football** KLP: - Develop knowledge of attacking and defending. - Know how to mark an opponent. - Develop understanding of space. - Recognise importance of rules. - Understand need to warm up and cool down.	**Dance – Victorians** KLP: - Be able to move with low and high status dynamics. - Be able to execute actions representing manual labour. - Be able to develop relationships/contrast. - Be able to explore the space around them in straight pathways. - Be able to create straight lines and geometric shapes.	**Hockey and ball skills** KLP: - Develop teamwork through communication. - Play games competitively. - Pass a ball towards a space for a teammate to receive. - Understand, choose and apply a range of strategies for defence and attack. - Understand how it feels to win and lose.	**Leadership/outdoor adventure – orienteering** KLP: - Develop some knowledge of the countryside code. - Revise the concept of orientating a map. - Record information accurately. - Solve simple challenges and problems. - Further develop knowledge of orienteering	**Striking and fielding – cricket/tennis/rounders** KLP: - Explore the use of space during games. - Choose appropriate positioning when fielding. - Strike a ball using both hands and feet. - Receive, intercept and stop a ball when fielding. - Develop the range and consistency of skills.	**Swimming** KLP: - Perform the correct breast stroke arm and leg action. - Perform the correct breathing technique for breast stroke. - Evaluate and compare techniques. - Discuss safe self-rescue.
English – see Nat. Curr. 2014 for skills taught	**Poetry – list poem** KLP: - Responding to the world around us through poetry. - Expanding vocabulary. - Developing sense of rhyme and rhythm. **The Highwayman** KLP: - Write legibly, fluently and with increasing speed. - Comprehension activities. - Make predictions about a text. - Describe a setting using ambitious language. - Write in role as a character (diary entries). - Develop a character using clues from a text. - Write using direct speech. - Write a newspaper article. - Write letters using empathy and listening skills. - Use devices to build suspense (ellipsis, short	**Clockwork** KLP: - Comprehension activities. - Develop mood through images and language choice. - Identify features of a character using evidence from a text. - Write in first person from a character's point of view. - Write a balanced argument. - Use increasingly sophisticated punctuation including semi colons. - Draft and edit work. - Develop use of standard English. **A Christmas Carol** KLP: - Comprehension activities. - Draft and edit work. - Make comparisons within and across texts (characters).	**Beowulf** KLP: - Comprehension activities. - Draft and edit work. - Predict events in a text. - Use imagination and creativity to respond to a text. - Write invitations using semi colons in a list. - Write complex sentences using subordinate clauses as openers. - Use formal language and drama in an interview setting. - Use formal reporting language. - Develop use of standard English. - Choose the writing implement that is best suited to a task. - Describe a setting using ambitious language and complex sentence structure. - Use formal language to write a persuasive letter. - Use direct and reported speech, selecting as appropriate. - Develop vocabulary and word play, using	**Nonsense Poetry (Lewis Carroll)** KLP: - Comprehension activities. - Draft and edit work. - Develop use of standard English. - Respond to a range of nonsense poetry. - Identify word classification in nonsense poetry. - Identify structure in poetry. - Respond to poetry through narrative writing, inc. newspaper reports and retelling as a story. **Non-Fiction Texts on Space** KLP: - Comprehension activities. - Present a non-fiction labelled diagram. - Draft and edit work. - Develop use of standard English. - Write a biography. - Present detailed factual information showing awareness of aesthetics and appeal for the reader.	**A Midsummer Night's Dream** KLP: - Comprehension activities. - Draft and edit work. - Develop use of standard English. - Research and present a project on fairy folklore. - Deduce events in a play from the title and supporting imagery. - Understand Shakespearian language using context as a tool. - Use imagination to write an emotive letter in role. - Recognise and understand the history of Shakespeare's Globe Theatre. - Retell events in a play using ambitious narrative, direct speech and reported speech. - Understand a script. - Rehearse and perform in a play with others. - Act and respond to others in role as a character. - Create an environment representing the story using language from the text and context of the story.	**The London Eye Mystery** KLP: - Comprehension activities. - Draft and edit work. - Develop use of standard English. - Use simile, metaphor and non-fiction facts to describe the London Eye. - Use information from a text to write a detailed, formal, factual police-style report. - Empathise with a character. - Write from a different point of view showing empathy others. - Present factual information as a persuasive leaflet. -

	sentences, conjunction and semi colons). - Draft and edit work. - Develop use of standard English.	- Infer and deduce meaning using empathy and listening skills. - Widen vocabulary through understanding of texts. - Perform in role as a character. - Respond in role using evidence from a text. - Develop use of standard English.	metaphorical language through Kennings riddles linked to Anglo-Saxon topic.			
Maths	- Place value and sequences (including decimals) - Addition and subtraction (column method) - Geometry (angles – estimating, measuring) - Geometry & measure (perimeter) - Addition and Subtraction including word problems. - Long multiplication - Short division.	- Mental x & / (finding factors, multiples) - Short division to decimal remainders, including problems - Long division (no remainders) - Fractions (compare, order, equivalence) - Multiplication and measures (area) - Statistics and measures (time – telling time to nearest minute and problems)	- Place value sequencing, inc. Roman numerals, counting including negative and decimal numbers - Addition and subtraction including problems - Mental and written multiplication - Measures (length, mass, capacity) - Geometry (reflection and translation) - Geometry (angles-problems)	- Mental and written division including long division (with remainders) and problems. - 2D and 3D shape including sorting - Calculating with fractions, decimals and percentages - Measures (area and volume) - Statistics and measures (converting metric and imperial, line graphs)	- Place value (to 3dp, including sequences) - Calculating with fractions/decimals/ percentages - Measures (calculating time zones) and statistics (ratios) - Geometry (shape and space problems) - Addition and subtraction (multistep problems) - Multiplication and division (multistep problems, long division with decimal remainders)	- Written calculations (multistep word problems) - Fractions/decimals/percentages (word problems) - Measures (mass, volume and capacity) - Area and volume of shapes
LOtC	**Town Trail STEAM Trail Victorian Tea Party**		**Silver Meadows Tullie House Forest School**	**Community Dance Project Star gazing**	**Open Air Theatre**	**Residential trip to Alnwick/Stirling/Edinburgh**