

Curriculum Overview - Year 5

|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
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| Christian value - year 1 | Courage | Peace | Perseverance | Friendship | Compassion | Truth |
| Christian value - year 2 | Hope | Responsibility | Thankfulness | Forgiveness | Respect | Trust |
| Enrichment opportunities | Visit to Lake District Wildlife Park  Work with local artists  Wheelchair Basketball  Lead Harvest Festival | Cyclewise  Remembrance workshop at Carlisle Cathedral  Forest School  Pantomime |  | Viking re-enactor  Play in a day  Forest School  Prof. Bubblesworth Science Show | York residential Visit | Sports day  Maryport Bowling club visit  Field work linked to national parks & mountains  Buttermere walk  Forest School |
| Whole class story | Boy at the Back of the Class | Wonder | Harry Potter and the Philosopher’s Stone | Varmints | Floodlands | Treason |
| English - Reading | (Great openings -The Storm Keeper’s Island, Clockwork crow  (Changing Materials – diet coke mentos) Cicada  Lit Shed – Dear Humans) (Read, Write, Perform – Polar Bears, Galapogas, Crocodiles  (Songs from Musicals – A conversation from Mary Poppins | (Notable People -Mae Jemison, Tim Peak, Jamie Jake) Orbiting the sun  (Christmas – the Christmas Tree Ship)  The frog  (Novels Vol 1 – Floodland)  Do you hear the people sing - Les Mis | Life Cycle of a Butterfly, life cycle of an amphibian Flowering plants  Instructions/Beowulf Kensuki Kingdom War horse  (Lit Shed – To whoever finds this  The listeners | The listeners  The Highwayman  Parachutes Energy and forces Solar panels William Kamwamba  The Highwayman  (Children’s Classics Vol 1 – The Hobbit, Around the World in Eighty days) The Gauntlet  (Disney Songs – Lion King Be Prepared, Notre Dame | Mountains Exhilirating Everest Record breaking mountains  Stages of human life cycle Human life Beetles Beetle boy  Plastic Pollution (Lit Shed – Counting, Eezeye Eye strain remover – persuasive text)  (Medieval Monarchs – Henry II,Henry V) (Titanic, Molly Brown)  The Circle of Life Tangled  The story of Prince Siddhartha The Good Samaritan | National Parks  Treason  (Katie DiCamillo – Flora & Ullyses) Jungle book |
| English - Writing | Zoo – Recount  Nature Documentary – Non Fiction | Wonder – PSHE (Kindness):  Making predictions.  Giving arguments for and against.  Draft and edit  Publish a diary entry in role  Selecting and retrieving information from a text.  Explore characters through creative writing and drawing.  Comprehension activities. | Beowulf (Myths and Legends):  Create a fact file on Michael Morpurgo  Write an invitation to the Great Mead Hall (use of colons and semi-colons)  Description of Grendel’s attack using a variety of sentence structures  Visualise a scene and use powerful vocabulary  Write an advert including modal verbs  Write a recount in role | Highwayman (Classic narrative poetry):  Deduce information about a character from an image  Identify key details and understand how language can contribute to the poem’s meanings  Explore figurative language in a poem  Storyboard a narrative poem  Explore inferred thoughts, events and emotions in the highwayman  Perform the highwayman poem (tone, rhythm, pitch, volume and actions)  Interview a character in role  Draft and edit a newspaper report  Publish a newspaper report  Rewrite a narrative poem | Plastic Pollution (Non-Fiction)  Persuasive letter/Speech | Treason (Historical novel):  Write in role  Visualise a scene  Describe a setting  Create an information poster  Describe a character using figurative language  Write a list poem  Write from a character’s perspective  Retell a story |
| Maths | Place value  Addition, subtraction, multiplication A | Division A  Fractions A | Multiplication and division B  Fractions B | Decimals and percentages  Area and perimeter  Statistics | Shape  Position and direction  Decimals | Negative Numbers Converting units  Volume |
| Science | Properties of materials:  To compare and group everyday materials  Investigate thermal conductors and insulators  Investigate electrical conductors  Investigate dissolving in liquid  Use knowledge of solids, liquids and gases to decide how mixtures might be separated (filtration, sieving, magnetism and evaporation)  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  Plan investigations to answer questions, including recognising and controlling variable | Earth, Sun and Moon:  Describing the Sun, Earth and Moon as spherical bodies  Movements of the planets in the solar system (Heliocentric and Geocentric)  Movement of the moon  Idea of Earth’s rotation to explain day and night  Research the life of the astronomers: Tycho Brahe, Nicolaus Copernicus or Johannes Kepler | Forces:  Identifying forces that act on objects  Measuring the force of gravity pulling on objects  Effects of air resistance (Galileo Galilei)  Effects of water resistance  Effects of friction  Recognise some mechanisms including levers, pulleys and gears | Animals including humans – changes from birth to old ages:  Stages in the growth and development of humans  Developments of babies in their first year  Comparing the changes that take place to boys and girls during puberty  Changes that take place in old age  The gestation period for animals  Using bar and line graphs to compare gestations periods and life expectances of animals | All livings – life cycles of plants and animals:  Life processes of reproduction in some plants and animals  Exploring asexual reproduction in plants  Life cycles of different animals  Process of reproduction  Explore Jane Goodall’s work with chimpanzees  Life cycles of an amphibian and an insect  Exploring complete and incomplete metamorphosis  Differences in life cycles | |
| RE | God : What does it mean if God is holy and loving?  Islam | People of God - how can God bring freedom and justice?  Creation : creation and science conflicting or complementary? | Incarnation - was Jesus the Messiah? | Salvation - what difference does the resurrection make for Christians? | Buddhism – The Sangha | Kingdom of God - what kind of King is Jesus? |
| Geography |  | Fairtrade |  |  | Mountains | National Parks |
| History | Ancient Maya Civilisation |  | Anglo-Saxons and Vikings | |  |  |
| Art | Painting & mixed media: Portraits |  | Craft & Design: Architecture |  | Sculpture and 3 D: Interactive Installation |  |
| Design and Technology |  | Structure: Bridges |  | Electrical Doodlers |  | Cooking and nutrition: What could be healthier? |
| Music | Rhythms and songs of the Caribbean  Percussion patterns | Christmas music and songs | Beowulf and legends  Composing songs and musical stories |  | Music of the lakes and mountains  Composition | Summer show |
| PE | Invasion - competitive (netball and basketball)  Stamina | Dance  Space | Gymnastics – Viking balance | Net games for points  Speed | Accuracy & Rallies – (net games) | Striking and fielding - finding success  Leadership – outdoor adventure |
| Computing | Online Bullying – Project Evolve  Computing Systems and Networks : sharing information | Privacy and Security – Project Evolve  Creating Media: video editing | Self Image and Identity – Project Evolve  Micro:bit – the meaning and purpose of programming:  To tinker with BBC micro:bit  To program an animation | Online Reputation – Project Evolve  Programming: selection in quizzes | Health and Wellbeing – Project Evolve  Creating Vector Drawings | Copyright and Ownership  Fact File Databases |
| PSHE | Rights and Responsibilities | Keeping Myself Safe  Managing risk, including staying safe online: | Being My Best  Growing independence and taking responsibility: | Growing and Changing  Managing difficult feelings: | Me and My Relationships:  Feelings: | Valuing Difference:  Recognising and celebrating difference, including religions and cultural: |