



## Overview 2018 - 2019

### 5/4C, 6/5T and 6M

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
THEME	Discoveries		The Unexplained		The Adventures of the other me.	
R.E 6/5T and 6M 5/4C	Loving Vocation and commitment Expectations Judaism Sacramental Programme People Community Judaism		Sources Unity Death and New life Sacramental Programme Self Discipline New Life		Witnesses Healing Common Good Islam Sacramental Programme God's People Islam	
LITERACY	<b>Brightstorm - Class text</b> Persuasive Letter: I can be an explorer Explanation Report: Going on an expedition Diary Entry: On board the Aurora Newspaper Article: The Victorious return of the Aurora		We will debate whether UFOs, The Loch Ness Monster, Ghosts, Vampires, Ancient Miniature People and the Bermuda Triangle are realities or merely great fictions of our time. We will be reading extracts from the eternal classic Dracula by Bram Stoker, using it as inspiration for creating our own horror fiction as well as newspaper reports. We will examine the fantastic fairy tales of Hans Christian Andersen, such as The Little Mermaid and Thumbelina, and investigate the strange legends of the extinct pygmy peoples of 20,000 years ago and the literature they have inspired (such as JRR Tolkien's The Hobbit, Terry Pratchett's Trickers, Lynne Reid Banks' The Indian in the Cupboard and Mary Norton's The Borrowers). We will also be appreciating Edgar Allen Poe's poem The Raven and watching Tim Burton's short film Vincent (based on Poe's classic poem, with narration from the master of horror himself, Vincent Price). In addition we will be watching selected episodes of ITV's 1980's paranormal investigative show Arthur C. Clarke's World of Strange Powers and classic 1960's American CBS show The Twilight Zone, created by Rod Serling. Additional texts this term will include Guy Fawkes poetry and Herman Melville's Moby Dick.		We will be reading Lewis Carroll's fantasy classic Alice in Wonderland and comparing the text to three different adaptations: Tim Burton's 2010 film; the version created by Disney in 1951 and the Lux Radio Theatre playscript penned by the Lever Brothers in the 1950s. Other texts within this topic include Frankenstein by Mary Shelley, The Strange Case of Dr Jekyll and Mr Hyde by Robert Louis Stevenson and The Wizard of Oz by L. Frank Baum. Other texts include Through the Magic Mirror by Anthony Browne and the poetry of Maggie Smith (Doppelganger) and Lewis Carroll (Jabberwocky). We will also be analysing the life of Stephen Hawking by reading the BBC iWonder biography: A Brief History of Stephen Hawking.	

NUMERACY	My mini maths / Problem of the day Reasoning and problem solving tasks throughout the term. Weekly times tables. <b>Term 1a</b> Number/ Place Value Addition and Subtraction Multiplication and Division <b>Term 1b</b> Statistics Perimeter, Area and Volume Fractions		My mini maths / Problem of the day Reasoning and problem solving tasks throughout the term. Weekly times tables. <b>Term 1a</b> Fractions Decimals and Percentages Geometry (properties of shapes) Measures <b>Term 1b</b> Fractions Multiplication/Division Geometry (position and direction) Algebra and Ratio		My mini maths / Problem of the day Reasoning and problem solving tasks throughout the term. Weekly times tables. <b>Term 1a Recap:</b> Number/ Place Value Addition and Subtraction Measures <b>Term 1b Recap:</b> Fractions Multiplication/Division Statistics Investigations	
SCENCE	<b>Polar Expedition</b> (Crest STEM Award): Pupils will be involved in the Polar Explorer Programme run by the National STEM Learning Network and linked to the RRS David Attenborough.	<b>Scientists and Inventors</b> Looking at key figures in scientific discoveries	<b>Earth And Space</b> Sc5/4.1a describe the movement of the Earth, and other planets, relative to the Sun in the solar system  Sc5/4.1b describe the movement of the Moon relative to the Earth  Sc5/4.1c describe the Sun, Earth and Moon as approximately spherical bodies  Sc5/4.1d use the idea of the Earth's rotation to explain day and night, and the apparent movement of the sun across the sky.	<b>Materials</b> Sc5/3.1a compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets  Sc5/3.1b know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution  Sc5/3.1c use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating  Sc5/3.1d give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials,	<b>Forces and Magnets</b>  Sc5/4.2a explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object  Sc5/4.2b identify the effects of air resistance, water resistance and friction, that act between moving surfaces  Sc5/4.2c recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect	<b>Rocks</b>  Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties  Describe in simple terms how fossils are formed when things that have lived are trapped within rock  Recognise that soils are made from rocks and organic matter.  To understand what is meant by weathering  What causes coastal rock erosion

			<p>including metals, wood and plastic</p> <p>Sc5/3.1e demonstrate that dissolving, mixing and changes of state are reversible changes</p> <p>Sc5/3.1f explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.</p>		
HISTORY	<p>History: Lego Story: A study of an aspect in British history - the rise of Lego. These small bricks have become a major part of a child's life but how did they become so popular.</p> <p>Life of an Artic Explorer - Pupils will compare the life of 2 arctic explorers; one from 1920's and a current figure.</p>	<p>As Historians we will look in detail at the mystery surrounding the Mary Celeste and use our investigative skills to establish the truth about what happened to the crew of this famous ship. We will give reasons for different interpretations of the past, analysing primary and secondary sources of information to inform our judgements.</p>	<p>As Historians we will be exploring the idea of Britishness and asking ourselves 'what are its characteristics and origins?' To help us answer this question we will be examining the lives of Great Britons from the Victorian era such as: Queen Victoria, Isambard Kingdom Brunel, Florence Nightingale, Mary Seacole, Robert Louis Stevenson, Joseph Lister, Alexander Graham Bell, Michael Faraday and Lewis Carroll. We will also look at everyday life in Victorian times.</p>		
GEOGRAPHY	<p>Geography: The Artic: Looking at the physical environment and how it has been changed by humans. They will be using atlases and maps to explore terrain and longitude and latitude.</p> <p>Consider key aspects of human geography including land use, settlement and economic activity as well as how climate change and tourism can threaten an environment.</p>	<p>As Geographers we will use maps to plot sightings of unexplained phenomenon. We will be developing our understanding of latitude, longitude, the equator, the tropics, the polar regions and time zones. We will also be locating, naming and describing the world's continents, countries and oceans using atlases, globes and virtual maps.</p>	<p>As Geographers we will be conducting a local study of the Hogsmill River, investigating its source, journey through the local area and its importance in the past. We will be using fieldwork techniques to learn more about this key feature of our local area. Whilst uncovering the history of the Victorian era, we shall explore the reaches and geographical mapping of the British Empire.</p>		
ART AND DESIGN	<p>Artic Art - Paint techniques that are characteristic of Edward Wilson's Antarctic Landscapes.</p>	<p>As Artists we will be replicating the incredible patterns of Crop Circle Art as well as appreciating and imitating the pulp science fiction cover art of Frank R. Paul's Amazing Stories comics.</p>	<p>As Artists we will be studying the Alice in Wonderland inspired creations of Peter Smith. We will also be investigating the original illustrations from the original text drawn by political cartoonist John Tenniel. Perspective will also be explored.</p>		

DESIGN AND TECHNOLOGY	Interclass Igloos and Arctic Rolls. Design and build our own boats to use on our Polar journey.		As Design Technologists we will be creating our very own papier mache Area 51 aliens.		As Design Technologists we will be designing and creating moving toys based on Victorian examples.	
P.E	<b>Term 1a</b> - 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 <b>Term 1b</b> - perform dances using a range of movement patterns Swimming Year 4: Swimming		Gymnastics Year 4: Swimming Year 5 and 6: Newcastle Foundation		Athletics - in preparation for Sports Day Year 4: Newcastle Foundation Year 5 and 6: Swimming	
MUSIC For music we follow an online scheme called Charanga.	<b>Term 1a</b> - 4/5C will follow Y4 Mamma Mia, 5/6T will follow Y5 Livin' on a Prayer and 6M will follow Y6 I'll Be There. <b>Term 1b</b> - 4/5C will follow Y4 Glockenspiel Stage 2, 5/6T will follow Y5 Classroom Jazz 1 and 6M will follow Y6 Classroom Jazz 2.		<b>Term 2a</b> -4/5C will follow Y4 Stop, 5/6T will follow Y5 Make you feel my love and 6M will follow Y6 A new year carol. <b>Term 2b</b> -4/5C will follow Y4 Lean on me, 5/6T will follow Y5 Fresh prince of Bel Air and 6M will follow Y6 Happy.		<b>Term 3a</b> -4/5C will follow Y4 Blackbird, 5/6T will follow Y5 Dancing in the street and 6M will follow Y6 You've got a friend. <b>Term 3b</b> -4/5C will follow Y4 Reflect, rewind and replay, 5/6T will follow Y5 Reflect, rewind and replay and 6M will follow Y6 Reflect, rewind and replay.	
FRENCH	Madame Johnson from St. Benet Biscop's High School relates her teaching to our topic areas.					
PSHE	Making good choices (understanding what it is to be courteous, caring, forgiving, grateful and honest. Includes anti - bullying and staying safe)	Showing concern for the communities and the wider world. (Children look at pollution, climate and our environment. Fair-trade and our impact on the world we live in.)	Me and others (Understanding that life is precious, understanding myself and allowing others to be different)	Relationships (To know what you like and dislike, understand which behaviours are unacceptable, to describe changes that happen in life e.g loss, separation, divorce and bereavement. Children learn how to cope with negative emotions and resilience. Explore different types of relationships, what bullying is. To be able to keep and make friends)	Changes (To know that my body is changing, reproduction and differences between boys and girls)	Lifestyle choices (Children to explore the impact tat poor lifestyle choices can have on health.)

COMPUTING	Throughout the year children will cover the following key skills: Using different technology, using the internet, collaborating and communicating online, creating and publishing, using data, using digital media, programming and simulations and modelling.		
VISITS AND VISITORS  Visits TBC	Visit to Cragside in Autumn 1.	TBC	TBC  Year 6 Prom Year 6 Residential
PARENTAL INVOLVEMENT 5/4C 6/5T 6M	Parents meeting in the first couple of weeks back. 08.10.18 - Collective Worship 09.10.18 - Parent/carer drop in. 12.11.18 - Collective Worship. 16.11.18 - Class Assembly 21.11.18 - Parent / carer drop in. Christmas production.	28.01.19 - Collective Worship 08.02.19 - Class Assembly 15.02.19 - Class Assembly 14.03.19 - Parent / carer drop in 19.03.19 - Parent / carer drop in 25.03.19 - Collective Worship 01.04.19 - Collective worship 03.04.19 -parent / carer drop in	10.06.19 - Collective Worship