Year 5 Curriculum Overview

Autumn 1: A Kingdom United	English	Maths	Science	History	Geography
	Persuasive writing *Outcome = to write a persuasive leaflet about our local area* **Legends of the British Isles Micheal Morpurgo- Beowulf** *Outcome = to plan and write a legend of their own based on a model.* **Poems with a structure** *Outcome = to write a new limerick and Haiku poem drawing on their structure*	Unit 1: Place Value Unit 2: Addition & Subtraction Unit 3: Statistics Unit 4: Geometry – Angles Unit 5: Geometry and Measures	**Properties of Materials** **Reversible changes – Mixing and Separating Insoluble & Soluble Materials** Explore reversible changes including evaporating, filtering, sieving, melting and dissolving, recognising that melting and dissolving are different processes.	**A Local History Study** A study over time learning about Poulton's local history focusing on the finding of the Carleton Elk, the 18th century markets and the purpose of the national census.	

Art	D.T	MFL	Music	Computing:	R.E.	P.E.	P.S.H.C.E.
	UK Structures To apply their understanding of how to strengthen, stiffen and reinforce more complex structures	**Parts of the body** Speak with increasing fluency. Follow a short familiar text and pick out main details.	**Composition to represent the festival of colour (Holi)** Exploring the associations between music, sounds and colour; composing and performing their own musical composition to represent Holi, the Hindu festival of colour that celebrates the	**Computing systems and sharing information**	**Christianity (God)** Why is it sometimes difficult to do the right thing?	**Swimming** **Invasion games: Netball**	**Health and wellbeing** What makes up a person's identity?

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				beginning of spring and the triumph over good and evil				
Autumn 2: Our Wonderful World	**English**		**Maths**		**Science**		**History**	**Geography**
	Stories with historical settings Alice in Wonderland *Outcome = to write a new chapter linked to Alice in Wonderland* ***Playscripts*** *Outcome = to write a play script for a new scene of Alice in Wonderland*		Unit 6: Multiplication & Division Unit 7: Fractions Unit 8: Multiplication & Area Unit 9: Time		**Changes of Materials** **Irreversible changes – Changes that form new materials** Explore reversible changes including evaporating, filtering, sieving, melting and dissolving, recognising that melting and dissolving are different processes.			**Would you like to live in the desert?** Exploring hot desert biomes and learning about the physical features of a desert and how humans interact with this environment.
	Art	**D.T**	**MFL**	**Music**	**Computing:**		**R.E.**	**P.E.**	**P.S.H.C.E.**
		Food Technology- French foods/ making ratatouille	**Adjectives** Write words, short phases and short sentences. Match sound to sentences.	**Blues** Identifying the key features and mood of Blues music and its importance and purpose. Learning the 12-bar Blues and the Blues scale, and combining these to create an improvised piece with a familiar, repetitive backing.	**Effective use of tools / Creating Media** **Vector Drawing**		Islam Why is the Qur'an so important to Muslims?	**Swimming** **Gymnastics**	**Living in the wider world** What decisions can people make with money?
Spring 1:	**English**		**Maths**		**Science**		**History**	**Geography**	
	Information booklet		Unit 10: Place Value		**Earth and Space**			**What is life like in the Alps?**	

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Planet Earth	*Outcome = to write an Information text based on the Hidden Figures* **Science Fiction stories** **Tommy Niner and the Planet of Danger by Tony Bradman** *Outcome = to write a science fiction story to entertain an identified audience*	Unit 11: Addition & Subtraction Unit 12: Multiplication Unit 13: Measures (length, mass & capacity) Unit 14: Geometry	Introduce a model of the Sun and Earth that enables children to explain day and night. Learn that the Sun is a star at the centre of our solar system and that it has eight planets: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune *(Pluto was reclassified as a 'dwarf planet' in 2006)*. Understand that a moon is a celestial body that orbits a planet (Earth has one moon; Jupiter has four large moons and numerous smaller ones).			Considering the climate of mountain ranges and why people choose to visit the Alps; focusing on Innsbruck and looking at the human and physical features that attract tourists; investigating tourism in the local area and mapping recreational land use; presenting findings to compare the Alps to the children's own locality.	
	Art	**D.T**	**MFL**	**Music**	**Computing:**	**R.E.**	**P.E.**	**P.S.H.C.E.**
	Painting based on Peter Thorpe **Abstract art**		**Zoo Animals** Follow a short text listening and reading at the same time. Pick out main details from a story.	**South & West Africa** Learning 'Shosholoza', a traditional South African song, playing the accompanying chords using tuned percussion and learning to play the djembe and some dance moves.	**Creating Media / Design and Development** **Video Editing**	**Hindu dharma** What might Hindus learn from stories about Krishna?	**Gymnastics** **Swimming**	**Health and wellbeing** How can we help in an accident or emergency?
Spring 2: Interesting Inventors	**English**	**Maths**	**Science**			**History**		**Geography**
	Novel as a theme ***Hugo Cabret***	Unit 15: Fractions Unit 16: Geometry	**Forces** Explore falling objects and raise questions about the effects of air			**Were the Vikings traders, raiders, or something else?**		

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	Outcome = a short story or chapter for a novel about an invention. **Poems with Figurative Language** *Outcome = to write a poem with appropriate use of language techniques such as metaphor, simile and personification.*	Unit 17: Measurement Unit 18: Statistics Unit 19: Problem solving including bar modelling	resistance. Explore the effects of air resistance by observing how different objects such as parachutes and sycamore seeds fall. Experience forces that make things begin to move, get faster or slow down. Explore the effects of friction on movement and find out how it slows or stops moving objects, for example, by observing the effects of a brake on a bicycle wheel. Explore the effects of levers, pulleys and simple machines on movement. Find out how scientists such as Galileo Galilei and Isaac Newton helped to develop the theory of gravitation.	Investigating what the Vikings were really like, creating a Viking trade route game, writing their version of a Viking saga, evaluating the impact of the Viking invaders on Britain and displaying the achievements of the Vikings in a 'Viking achievement gallery'		

Art	D.T	MFL	Music	Computing:	R.E.	P.E.	P.S.H.C.E.
	Mechanical CAMs – understand and use mechanical systems in their products and design pulleys	**Verb – etre** Write sentences using a model. Personal pronouns.	**Composition Notation (Ancient Egypt)** Identifying the pitch and rhythm of written notes and experimenting with notating their compositions in different ways to help develop their understanding of staff notation.	**Data and Information / Effective use of tools** **Flat-file databases**	**Christianity (Jesus)** What do we mean by a miracle?	**Swimming** Athletics	**Relationships** How can friends communicate safely?

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Summer 1: Why do Oceans matter?	English	Maths	Science	History	Geography
	Informal letter *Titanic* *Outcome = to write an informal letter with all the relevant features* ***Explanation Text*** *Outcome= To write an explanation text about a life cycle*	Unit 20: Place Value Unit 21: Measurement & Statistics Unit 22: Geometry Unit 23: Addition & Subtraction Unit 24: Multiplication	**Living things and their habitats** **Observing life cycles** Study and raise questions about their local environment throughout the year. Observe life-cycle changes in a variety of living things, for example plants in the vegetable garden or flower border, and animals in the local environment. Find out about the work of naturalists and animal behaviourists, for example, David Attenborough and Jane Goodall. Find out about different types of reproduction, including reproduction in plants and reproduction in animals.		**Why do Oceans matter?** Exploring the importance of our oceans and how they have changed over time with a focus on the Great Barrier Reef, specifically addressing climate change and pollution

Art	D.T	MFL	Music	Computing:	R.E.	P.E.	P.S.H.C.E.
Collage *Add collage to drawn background. Use collage to extend work from initial ideas.* Based on oceans		**Family** Perform to an audience speaking clearly and accurately. Use repair strategies to keep a conversation going.	**Looping and remixing** Learning how dance music is created, focusing particularly on the use of loops, and learning how to play a well-known song before putting a dance music spin on it to create their own versions.	**Programming / Computer systems** Selection in physical computing	**Christianity (Church)** How do people decide what to believe?	**Swimming** **Tag Rugby** **Invasion Games**	**Health and wellbeing** How can drugs common to everyday life affect health?

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Summer 2: Ancient Greeks	English	Maths	Science	History	Geography
	Myths *Outcome= to write a myth which includes complex sentences with simile starters, a blend action, dialogue, description, and devices to build cohesion.* **Biography** *Outcome = to write a biography with all the relevant features.*	Unit 25: Division Unit 26: Fractions Unit 27: Percentages Unit 28: Statistics Unit 29: Measurement	**Animals, including humans** Describe the changes as humans develop to old age. Pupils should draw a timeline to indicate stages in growth and development of humans. They should learn about the changes experienced in puberty.	**What is the legacy of the ancient Greek civilisation?** Investigating the city-states of Athens and Sparta to identify similarities and differences between them, learning about democracy and assessing the legacy of the ancient Greeks.	

Art	D.T	MFL	Music	Computing:	R.E.	P.E.	P.S.H.C.E.
Textiles *Diff grades of threads and needles* Ancient Greeks/mosaic		**Breakfast** Perform to an audience with accurate pronunciation and intonation.	**Musical Theatre** An introduction to musical theatre, learning how singing, acting and dancing can be combined to give an overall performance, exploring how music can be used to tell a story and learning about performance aspects.	**Algorithms / Programming** **Selection in quizzes**	**Judaism** Do people need laws to guide them?	**Striking & Fielding - Rounders** **Swimming**	**Living in a wider world** What jobs would we like?