



Leonard Stanley CofE (VA) Primary School

Year 5 Curriculum Overview

Loving and Learning Together, for Life, as Jesus taught us

Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Class Trips		Rainforest experience @ Bristol zoo Connections Awe and Wonder Reflections (Calm & Still) Big Questions Respect		Viking Experience Awe and Wonder Reflections (Calm & Still)		Connections Awe and Wonder Reflections (Calm & Still) Big Questions Kindness & Respect & Resilience Outside learning
Maths						
Topic	Place Value: Roman Numerals Numbers to 1,000,000 Rounding numbers Addition and Subtraction: Inverse operation	Multiplication and Division: multiples, factors, square numbers, cube numbers Mult/div by 10, 100, 1000 Fractions A:	Multiplication and Division: Mult 4 digits by 1 digit Long multiplication Short division with remainders Mult/div problems Fractions B:	Decimals and percentages: Decimals to 2dp decimals to fractions Order and compare dec rounding	Shape: Measuring angles Polygons 3D shapes Position and direction: Coordinates Translation Symmetry	Decimals: Adding/subtract decimals Mult/Div by 10, 100, 1000 Negative Numbers: Understanding neg nos

	Multi-step problems Missing numbers	Equivalent fractions Mixed and improper fractions Compare and order fractions	Mult fraction by integer Fractions of quantities Find the whole	Understand percentages Perc to frac/dec Perimeter and area: Perimeter of polygons and rectilinear shapes Area of rectangles Statistics: Line graphs Tables and timetables	Reflection	Compare and order Converting Units: Kg, KM, ml, mm Converting Time & timetables Measurement: Volume
Writing						
Genre:	Writing to entertain: Rainforest description (p29 PSG) Writing to inform: diary for character from Explorers. (p7 PSG)	Writing to inform (Report): Write report on an Endangered Animal from RF. (p10 PSG) Writing to Persuade: Argument - Write to PM discussing Deforestation WOW Respect (p16 PSG)	Writing to persuade: Advertising (p16 PSG)	Writing to entertain Narrative: Write a Last Labour of Heracles. (p29 PSG) Writing to inform: News report (p7 PSG)	Writing to Discuss Newspaper (p25 PSG) Writing to inform: Biography (p19 PSG NOW & WOW)	Writing to entertain (narrative): Short story (p29 PSG)
Grammar:	Progression of Skills through Genres in Writing					

Reading						
	- Picture books - Medieval monarchs - Disney songs - SS Titanic - Children's classics - Antarctic explorers Kindness & Respect	- Life cycles - Frank Cottrell Boyce - Sia (music) - Children's classics - Beetles - Christmas - Peter Pan Kindness & Respect & Resilience	- Brazil - Rainforests - Great openings - Poetry - Notable people - Authors Kindness & Respect & Resilience	- Michael Murpurgo - Nigeria - Inspirational songs - Historical figures - Authors - Islands Respect & Resilience	- Changing materials - Equality - Songs from musicals - Poetry vol 2 Kindness & Respect & Resilience	- Space - Kate DiCamillo - Middle Eastern Countries - Forces - COMP EXPRESS
Class Book	The Explorer		The Escape Plan		Attack of the Vikings	
Science						
Topic	Living things and their habitats	Properties of materials	Animals, including humans	Changes of materials	Earth and space	Forces
Key Facts	- Understand life processes of a plant - Understand life cycles of mammals - Understand the life cycles of insects and amphibians - Understand the life cycles of birds and reptiles - Know about the life and work	- Know properties of materials - Understand thermal conductors and insulators - Understand hardness of materials - Understand that some materials are soluble in water WOW - Understand filter, separating,	- Identify the key stages of a mammal's life cycle - Explore the gestation periods of mammals - Learn about foetal development - Learn about the changes experienced during puberty NOW	- Use evaporation to recover the solute from a solution - Recognise and describe reversible changes - Observe chemical reactions and describe how we know new materials are made	- Explore the solar system and its Planets - Understand the heliocentric model of the solar system - Explain the Earth's movement in space - Explain the Earth's rotation and night and day	- Explore gravity and the life and work of Isaac Newton - Examine the connection between air resistance and parachutes - Explore factors which affect an object's ability to resist water - Investigate the effects of friction

	of Jane Goodall and David Attenborough Respect	evaporating and magnetism.	Describe the changes humans may experience during adulthood and old age Kindness & Respect & Resilience	- Investigate burning reactions - Investigate chemical reactions - acids and bicarbonate of soda WOW	Explain the movement of the Moon	on different surfaces - Investigate mechanisms - levers and pulleys - Investigate mechanisms - gears
Humanities						
Topic	Geography: What is it like in Brazil?	History: What did the Greeks ever do for us?	Geography: Why do oceans matter?	History: Were the Vikings raiders, traders or something else?	Geography: Where does our energy come from?	History: What was life like in Tudor Times?
Key Facts	- Where are tropical Rainforests? - What is the Amazon Rainforest like? - Who lives in a rainforest? - How and why are rainforests changing? - How is our local woodland used - data collection.	- To understand where and when the ancient Greeks lived. - To understand the importance of the Greek gods - To identify similarities and differences between Athens and Sparta. - To understand how Athenian democracy worked.	- To explain the importance of our oceans. - To locate and describe the significance of the Great Barrier Reef. - To explain the impact humans have on coral reefs and oceans. - To understand ways to keep our oceans healthy and begin planning a fieldwork enquiry. - To collect data on the types of litter	- To explain when and why the Vikings came to Britain. - To evaluate Viking stereotypes using sources. - To investigate the importance of Viking trading routes. - To compare different versions of Viking sagas and create a saga. - To evaluate the impact of the Viking invasions	- To know why energy sources are important. - To understand the benefits and drawbacks of different energy sources. - To understand how energy is generated in the United States. - To know how energy sources are distributed in an area.	- To use different types of evidence to interpret the character of Henry VIII - To understand why Henry VIII had many wives. - To make deductions about Anne Boleyn using a range of sources. - To extract evidence from primary sources about the Royal Progresses of Elizabeth I.

	How is our local woodland used - data findings. Outside learning Respect	- To understand the importance of the ancient Greek philosophers. - To identify and explain the achievements of the ancient Greeks. Respect	polluting a marine environment. To present, analyse and evaluate data collected. WOW Respect	and settlements on local communities in Britain using primary sources and case studies. To evaluate achievements of the Vikings.	- To explain reasons for choosing an energy source. - To collect and present data on where to position a solar panel on the school grounds. Outside learning	- To make deductions about the people in Tudor England using inventories. - To create a realistic inventory for a person living in Tudor times.
PSHE	Relationships	Health & Wellbeing	Health & Wellbeing	Relationships	Living in the Wider World	Living in the Wider World
Topic	Digital Wellbeing	Think Positive	It's my body	TEAM	Diverse Britain	Aiming high
Key Facts	- My digital life - Staying safe, healthy and happy online - Online relationships - Social media - Saying no to online bullies - Fake news Kindness & Respect & Resilience	- The cognitive triangle - Thoughts and not facts - face your feelings - Choices and consequences - Being present - Yes I can Respect & Resilience	- Your body is your own - Exercise right, sleep tight - Taking care of our bodies - Harmful substances - How do we think and feel about our bodies - Healthy choices Respect & Resilience	- Together everyone achieves more - Communicate - Compromise and collaborate - Care - Unkind behaviour - Shared responsibility Kindness & Respect	- Identities - Communities - Respecting the law - Local government - National government - Making a difference Kindness & Respect	- You can achieve anything - Breaking down barriers - Future focus - Equal opportunities - The world of work - Onwards and upwards Resilience
PE	Sportshall athletics Comp - NOW & WOW Resilience	Gymnastics inc routine performances NOW & WOW Respect & Resilience	Dance inc performance NOW & WOW	OEE Outside learning Respect	Cricket	Games

Topics	Games: Rugby, Netball, Sportshall Athletics, Dance/yoga. Basketball	Games: Rugby, Netball, Sportshall Athletics, Dance/yoga. Basketball	Games: Netball, Handball, Hockey, FUNS, Lacrosse	Games: Netball, Handball, Hockey, FUNS, Lacrosse	Games: Athletics (throw/jumps and running), Rounders, tennis, table tennis.	Games: Athletics (throw/jumps and running), Rounders, tennis, table tennis.
RE	U2.1 What does it mean for Christians to believe God is holy and loving? • For many Christians, what is the Trinity? • What can many Christians learn about the Trinity by reading the New Testament? • How else might many Christians find out information about the Trinity? • How are ideas of the Trinity expressed in art? • How are ideas of the Trinity expressed in art? • Drawing together pupils' learning and reflecting on	U2.7 How does Hajj show what matters to Muslims in Britain? • Why do around 2 million Muslims visit Makkah every year, and what happens there? • How do Muslims describe their experience of Hajj? • How does Hajj form a link between Muslims today and Muslim history? • What is it like for a Muslim on Hajj? Exploring first-hand accounts • How has Hajj changed in the modern world? Does that matter? • What impact does going on Hajj have on the lives of pilgrims? How does this show	U2.6 How does the Torah influence Jewish people today? • Many Jewish people celebrate Shabbat. How and why? • What do some Jewish people do on Rosh Hashanah and why is it important? • What happens at the end of the Ten Days of Awe? • What is important to many Jewish people at the festival of Pesach? • How do many Jewish people use a seder to show what is important at Pesach? •	U2.4 Why might the belief that Jesus 'saved' people be so important for many Christians? • What does Census data tell us about Christians around the world and in our country? • What can we find out from surveys about what Christians believe and how they act? • What different kinds of Christians are there in Gloucestershire? Looking at churches • What different kinds of Christians are there in Gloucestershire? Talking with Christians • In what ways do Christians show their beliefs around the world?	U2.9 How do non-religious people understand and respond to the world and life? Exploring diverse responses, including Humanist • Who are Humanists in the UK? • What ideas are important in Humanist worldviews? • How do some Humanists celebrate a new baby? • How do Humanists decide good and bad, right and wrong? • What kinds of things do some Humanists in Gloucestershire do to make the world a better place?	U2.10 How do organised and individual worldviews help people when times get hard? •

	development of understanding Kindness & Respect & Resilience	what matters for Muslims? Respect		• Do all Christians believe and behave in the same way?	• What is it like to be a Humanist in the UK today?	
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Art & Design	DT	Music	Computing	Religious Education	MFL	Carousel
Drawing: Self-portraits Artists: South American artists - Torres Garcia, Diego Rivera and Beatriz Milhazes Drawing symbols, geometric patterns and murals. NOW & WOW Respect	Automata Animals - CAMs Design: Construct: Evaluate: NOW, OW & WOW Resilience	Charanga- Living on a prayer	Internet Safety: E-Safety poster design Kindness & Respect	What does it mean if Christians believe God is holy and loving?	 BSL Curriculum Overview Greetings: Good morning, hello, bye, how are you, I'm good, My name is Finger spell: alphabet and numbers Can you help: Can you help? Can I go to the toilet? I'm hungry/thirsty, I would like Things: common objects / colours Daily routines / Family / Home NOW, OW	Life skills: Sign Language Coding First Aid Drama Team Building NOW, OW & WOW Kindness & Respect & Resilience
Artist: Henri Rousseau Divergent drawing of rainforest scene, inspired by Rousseau Sculpture: Clay -Ancient Greek art	Viking Longboats Design: Construct: Evaluate: WOW	Charanga- Composing and chords	Digital Literacy: Internet Searches	What does it mean to be a Muslim in Britain today?		

					Respect & Resilience	
Artist: Piet Mondrain Drawing/Painting divergent pieces, focussing on complementary and contrasting colours NOW & WOW	Marbellous Madness - marble run Design: Construct: Evaluate: NOW, OW & WOW Kindness & Respect & Resilience	Charanga- Freedom to Improvise Holst's planets OW & WOW Respect & Resilience Active listening classical music	Understanding Technology: Computer Networks	Why do Christians believe Jesus was the Messiah?	World Language Days - French, Spanish and Italian WOW	Forest School: Outside learning Kindness & Respect & Resilience
			Presentations: Google Slides	Why is the Torah so important to Jewish people?		Cooking: NOW & WOW Resilience
			Digital Art	Christians and how to live: 'What would Jesus do?'		
			Digital Art	What matters most to Humanists and Christians?		

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