St Mary's Year 6 Long- Term Plan

	Au	itumn	Sp	ring	Sum	mer
Values	LOVE	COMPASSION	RESPECT	COURAGE	HONESTY	DETERMINATION
Heartsmart	'Get HEARTSMART'	'Don't Forget to Let Love In!'	'Too much Selfie isn't healthy!'	'Don't Rub it in, Rub it Out!'	'Fake is a Mistake!'	'No Way through isn't true!'
Maths	Read, write, order and co	mpare numbers to at least 1	Use, read, write and conve	ert between standard units,	Interpret and construct pie c	narts and line graphs and use
	000 000 and determin	ne the value of each digit	=	of length, mass, volume and	these to sol	ve problems
				of measure to a larger unit,		
	Round any whole numb	per to a required degree of		mal notation to up to three	Calculate and interpret	the mean as an average
	aco	curacy	decima	al places		
	=	ontext, and calculate intervals	Convert between r	niles and kilometres	Solve addition and subtract contexts, deciding which operand	erations and methods to use
			Recognise that shapes wit	th the same areas can have		
		ers up to 4 digits by a two-digit ne formal written method	different perimet	ters and vice versa	Reasoning/ Problem Solv	ving in Real Life Contexts
	of long m	nultiplication		ble to use formulae for area ne of shapes	Budget, Profit	_
	number using the formal w	digits by a two-digit whole ritten method of long division, nders as whole number	Calculate the area of par	rallelograms and triangles	Data Ha	andling-
	remainders, fractions, or b	y rounding, as appropriate for	Calculate, estimate and co	mpare volume of cubes and	Plants/Animals –cla	ssification (science)
	the	context	_	s, including cubic centimetres		
				n3), and extending to other	Shape & Space	
	-	digits by a two-digit number ethod of short division where	units [for exampl	e, mm3 and km3].	Stocks and Shar	res (Computing)
	appropriate interpretin	g remainders according to		inswers to calculations and		
	the	context		of a problem, an appropriate f accuracy		
		tions, including with mixed				
	operations ar	nd large numbers		g the relative sizes of two		
	=	common multiples and prime mbers	- ·	ralues can be found by using on and division facts		
				e calculation and conversion		
	_	e order of operations to carry		decimal notation up to three		
	out calculations invo	ving the four operations	decimal places w	here appropriate		
	contexts, deciding whic	ction multi-step problems in hoperations and methods	. 55	ven dimensions and angles		
	to use	and why	_	build simple 3-D shapes, making nets		
	Solve problems involv	ing addition, subtraction,				

multiplication and division	Compare and classify geometric shapes based on their
	properties and sizes and find unknown angles in any
Use estimation to check answers to calculations and	triangles, quadrilaterals, and regular polygons
determine, in the context of a problem, an appropriate	
degree of accuracy	Illustrate and name parts of circles, including radius,
	diameter and circumference and know that the diameter
Use common factors to simplify fractions; use common	is twice the radius
multiples to express fractions in the same denomination	
	Recognise angles where they meet at a point, are on a
Compare and order fractions, including fractions > 1	straight line, or are vertically opposite, and find
	missing angles.
Add and subtract fractions with different denominators	
and mixed numbers, using the concept of	Describe positions on the full coordinate grid (all four
equivalent fractions	quadrants)
Multiply simple pairs of proper fractions, writing the	Draw and translate simple shapes on the coordinate
answer in its simplest form	plane, and reflect them in the axes
Divide proper fractions by whole numbers	Solve problems which require answers to be
	rounded to specified degrees of accuracy
Associate a fraction with division and calculate decimal	
fraction equivalents	Solve problems involving unequal sharing and grouping
	using knowledge of fractions and multiple
Identify the value of each digit in numbers given to	
three decimal places and multiply and divide numbers by	Solve problems involving the calculation and conversion
10, 100 and 1000 giving answers up to three decimal	of units of measure, using decimal notation up to
places	three decimal places where appropriate
NAVIALIA DE CARA DE CA	
Multiply one-digit numbers with up to two decimal places	
by whole numbers	
Use written division methods in cases where the answer	
has up to two decimal places	
has up to two decimal places	
Recall and use equivalences between simple fractions,	
decimals and percentages, including in different contexts	
assumed and personages, including in americal contexts	
Solve problems involving the relative sizes of two	
quantities where missing values can be found by using	
integer multiplication and division facts	

integer multiplication and division facts

Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison

Fiction writing Expanded noun phrases to convey complicated information concisely	Writing Fiction writing Identify the audience for and purpose of writing	Recount writing Identify the audience for and purpose of writing Note and develop initial ideas, drawing on reading and
Passive verbs Link ideas across paragraphs	Enhance meaning through selecting appropriate grammar and vocabulary	research Use organisational and presentational devices
Dialogue to convey character and advance action Colon to introduce a list Punctuate bullet points	Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meanings Proof-read for spelling and punctuation errors	Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning Final Outcome: To write a multi-modal biography of
Final Outcome: To write a story with a flashback from another character's point of view.	Final Outcome: To write a version of the Selfish Giant narrative - choosing either a retelling in 1st or 3rd person	Jacques Cousteau in the style of the 'Great Adventurers' text
Greater Depth: To write a story with a flashback from another character's point of view including a section in recount genre.	or from a character's point of view Greater Depth: To write a version from the special tree's perspective	Greater Depth: To add a section entitled 'How Jacques Cousteau inspired me' linked to his role in the conservation debate
We were warriors by Emma Carroll Reading comprehension Draw inferences (characters' feelings, thoughts and motives) and justify with evidence Predict from details stated and implied Summarise main ideas Identify how language, structure and presentation contribute to meaning Can we save the tiger? by Martin Jenkins Writing	The Happy Prince and Other Tales by Oscar Wilde Reading comprehension: Read and discuss a wide range of texts and ask questions Make comparisons Draw inferences (characters feelings, thoughts and motives) and justify inferences with evidence Predict from details stated and implied Evaluate author's language choice Provide reasoned justifications for their views Distinguish fact and opinion (GD)	Great Adventurers by Alastair Humphreys Reading comprehension: Identify and discuss themes and conventions Identify how language, structure and presentation contribute to meaning Evaluate author's language choice Distinguish fact and opinion Retrieve, record and present information

Enhance meaning through selecting appropriate grammar and vocabulary

Expanded noun phrases to convey complicated information concisely

Modal verbs and adverbs

Brackets, dashes or commas to indicate parenthesis

Final Outcome: To write an independent version of a booklet based on an amazing animal (hybrid text type including information, explanation and persuasion)

Greater Depth: To write and present a 'Newsround' style

TV news story about the tiger crisis.

Courageous Advocacy Opportunity- Conservation of species

Poetry
A tiger in the zoo by Leslie Norris

Jungle Book by Rudyard Kipling Reading comprehension

Check sense
Summarise main ideas
Retrieve, record and present information
Identify how language, structure and presentation
contribute to meaning
Participate in discussions
Explain and discuss understanding of reading

<u>Island by Jason Chin</u> Writing

Recount writing – journalistic style

Identify the audience for and purpose of writing
Note and develop initial ideas, drawing on reading
Enhance meaning through selecting appropriate
grammar and vocabulary

Final Outcome: To write a journalistic report (hybrid) about Charles Darwin's discoveries

Greater Depth: To write a journalistic report about

Charles Darwin's discoveries which includes extracts from another genre e.g. diary, interview, information

Additional outcome: To write a discussion about whether it was right to take Jemmy Button from his habitat.

Poetry The Sea by James Reeves

The Explorer by Katherine Rundell Reading comprehension:

Make comparisons
Predict from details stated and implied
Draw inferences (characters, feelings, thoughts, motives)
and justify with evidence
Ask questions
Summarise main ideas

Retrieve, record and present information Provide reasoned justifications

Sky Chasers by Emma Carroll

Writing

Fiction writing from different viewpoints & autobiographical writing

Identify the audience for and purpose of writing Enhance meaning through selecting appropriate grammar and vocabulary

Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meanings Proof-read for spelling and punctuation errors

Precis longer passages

Final Outcome: To write the next chapter of Sky Chasers in the style of the author from two different viewpoints. **Greater Depth:** To write from three different viewpoints. **Further writing outcome:** To write a personal

Further writing outcome: To write a personal autobiography recounting a significant achievement.

Poetry

Sonnet written at the close of spring by Charlotte Smith

Sky Chasers by Emma Carroll Reading comprehension:

Recommend books to peers
Learn poetry by heart
Prepare for performance
Draw inferences (characters' feelings, thoughts and motives) and justify with evidence
Evaluate author's language choice
• Retrieve, record and present information

Science	Work scientifically	Work scientifically	Work scientifically
	Learn about scientists who have helped us understand	Learning the methodologies of the discipline of science	Learning the methodologies of the discipline of science
	vaccination/inoculation. Louis Pasteur etc		
	Investigate living things	Investigate Living Things	Investigate light and seeing
			Understanding how light and reflection affect sight.
	D escribe how living things are classified into broad	Explaining the findings and theories about Evolution and	
	groups according to common observable characteristics	Adaptation.	
	and based on similarities and differences, including		
	micro-organisms, plants and animals	Understand the role of the circulatory system and its role	Understand electrical circuits
		and links with diet, exercise, drugs and lifestyle	Associate the brightness of a lamp or the volume of a
	G ive reasons for classifying plants and animals based on		buzzer with the number and voltage of cells used in the
	specific characteristics		circuit
			Compare and give reasons for variations in how components function, including the brightness of bulbs,
			the loudness of buzzers and the on/off position of
			switches
			Use recognised symbols when representing a simple
			circuit in a diagram
			chedie in a diagram
R.E	6.1 Life as a journey: Is every persons journey the	6.3A The Exodus: Why is the Exodus such a	6.6 God: what is the nature and character of God?
	same?	significant event in Jewish and Christian history?	Have you discovered any beliefs about God in
		Judaism	common across different faiths?
	Why do people of faith make pilgrimages?	6.3 The Eucharist: Why do Christians celebrate the	Hinduism Islam
	Hinduism Islam Judaism Sikhism	Eucharist?	6.7 People of faith: how does having faith affect
	6.2 Advent: How do Christians prepare for	6.4 Jesus (Easter): Who was Jesus? Who is Jesus? Who was Jesus?	people's lives? How does having faith affect people's lives?
	Christmas?	Buddhism Hinduism Islam Judaism Sikhism	Buddhism Hinduism Islam
Geography	Global trade	Coasts	Time Zones
	<u> </u>	<u> </u>	<u> </u>
	Investigate places	Investigate places	Investigate places
	Learn, locate and identify countries of trade importance.	Collect and analyse statistics about different coastal	Learn about the different time zones and their
	How does transportation affect global chains?	regions and the way in erosion is affecting them.	significance.
	Use a range of resources to give detailed descriptions and	Name and identify key characteristics and patterns which	Recognise countries which sit on different longitudinal
	opinions of trade and commerce.	may have changed over time with the British coastline.	and latitudinal lines- where do we sit?
			Investigate the way in which night and day affect various
	Investigate patterns	Investigate patterns	countries
	Investigate links between people and places through	Identify features of the coastal process and the links	
	global trade in clothing. Consider patterns in import and	between tourism in different coastal regions	Investigate patterns
	export data Consider cause and effect within different mass-	Compare changes over time and link this to erosion The impact of climate change and pollution	Identify the significance of longitude, latitude, prime
		The impact of climate change and pollution	meridian, the tropics
	produced products. Describe how regions are interconnected and	Communicate geographically	Communicate geographically
	interdependent.	Create maps and diagrams to show coastal features	Explain using appropriate phrases
	interdependent.	Identify various coasts using grid references	Create maps to identify time zones
	<u> </u>	ractionly various cousts using grid references	Create maps to identify time zones

Communicate geographically	
Use maps to plot trade routes	

History	WWII and the Blitz	Mayan Civilisation	Black and British
	Investigate and interpret the past Understanding that our understanding of the past comes from an interpretation of the available evidence. Use a range of sources from WWII. Coins from 60s Build an overview of world history An appreciation of the characteristic features of the past and an understanding that life is different. Know key events in Britain during 40s and 60s. How did this shape the world we live in today? Understand chronology An understanding of how to chart the passing of time and how some aspects of history studied were happening at similar times in different places. Timeline of Britain and	Investigate and interpret the past How do we know about the people and civilisation we have studied? What evidence do we have? How reliable is it? Were the Mayans ahead of their time? Build an overview of world history What can we infer about the Mayan people from the buildings that remain? How do these compare to other periods in history? Understand chronology Revise how we often use timelines in history. BC and AD	Investigate and interpret the past How far has life improved for Black people living in Britain in the last 60 years? How far has life improved for Black people living in Britain in the last 60 years? What part did Black people play in British life when they started to settle 500 years ago? When so many Black people fought in the two world wars, why is it only recently bring recognised? How did the arrival of the Empire Windrush change the way Black People were treated in Britain? Build an overview of world history Discover how Black British is an important part of British history. Looking back over 2000 years of British history you will see that black people played a varying part in
	Other parts of the world for 40s and 60s Communicate historically Using historical vocabulary and techniques to convey information about the past. Archaeology, artefact, conquest, decade, century, interpretation, primary/secondary evidence, significance, evidence.	explanation. Share some dates and events significant to the Mayans. Order events from Ancient Maya (and the era before and after them in South America) in chronological order. Communicate historically Settlement, timeline, civilizations, archaeology, artefact, conquest, decade, century, interpretation, primary/secondary evidence, significance, evidence.	British life but were always present. Understand chronology Timeline of black movements within British history from Romans to Black Lives Matter movement. The changing views and impact of influential black people throughout history. Communicate historically Abolition, Atlantic slave trade, commonwealth, discrimination, empire, middle passage, migrant, prejudice, racism, segregation, windrush
Computing	Autumn 1 2024- working closely with Daresbury laboratory using Crumble kits Communication Self-image and identity 3D modelling Online relationships	Web creation Presenting data Managing online information	Variables in games Privacy and security Sensing

P.E	Develop practical skills in order to participate, compete and lead a healthy lifestyle. Learning a range of physical movements and sporting techniques.	Develop practical skills in order to participate, compete and lead a healthy lifestyle. Learning a range of physical movements and sporting techniques.	Develop practical skills in order to participate, compete and lead a healthy lifestyle. Learning a range of physical movements and sporting techniques.
	Invasion to score(Hockey/football) Travelling in WW2(Gymnastics) World War 2 (Dance)	Finding success(Outdoor adventurous) Net games for points(Net games) Competitive invasion(Netball/basketball)	Going for Gold (Athletics) Teamwork(Striking &Fielding) Rounders (Striking &Fielding)
DT	Master practical skills Learn how to use pulleys and gears to control mechanisms. Practice making pulleys and gear trains in different ways. Design, make, evaluate and improve Design and make a cable car. Take inspiration from design throughout history Study pulley and gear systems on cable cars.	Master practical skills Create an object (such as a mobile phone cover) that employs a seam allowance. Join textiles with a combination of stitching techniques (such as back stitch, seams and running stitch to attach decoration) Use the qualities of materials to create suitable visual and tactile effects in the decoration of textiles. Design, make, evaluate and improve Design, make and evaluate a mobile phone cover and consider how to make improvements. Take inspiration from design throughout history Appreciating the design process that has influenced the products we use in everyday life.	Master practical skills Developing the skills needed to make high quality product. Create circuits using electronic kits that employ a number of components. (Such as LEDs, resistors, transistors and chips) Use innovative combinations of electronics and mechanics in products Use prototypes, cross sectional diagrams and computer aided designs to represent designs. Design, make, evaluate and improve Developing the skills needed to design, make and evaluate a steady hand game. Take inspiration from design throughout history Create innovative designs that improve upon existing products. Evaluate the design of products so as to suggest improvements to the user experience.
Art	'The Art of the ANATOMY'	'The Art of FASHION'	'ART and RELIGION'
	Practice and develop sketches of wire frames to represent the human body considering correct proportion. Refine sketches and details. Master techniques Use wire to create an interpretation of the Evolution of Man artwork. Enhance digital media by editing (including sound, video, animation, still images and installations). Take inspiration from the greats The Ancient Greek sculptors. Albrecht Durer and	Develop ideas Create abstract art designs in different ways using a range of media to develop ideas for a fabric design to use on a particular piece of clothing, such as a dress or jacket. Master techniques Further explore techniques and colour theory when mixing paint. Understand how using complimentary and contrasting colours created an effect in the design. Take inspiration from the greats	Develop ideas Design stained-glass windows, experimenting with light and dark techniques. Explore different materials to create the effect. Master techniques Practice producing religious art following the mannerism style and the use of pencil to create colour, light and dark effects. Use collage to create a stained glass window representation in the style of Christian stained-glass Art. Design and make a mobile phone cover (cross curricular - DT)

	Vetruvian Man art and the inspiration behind it (Renaissance).	Use inspiration of Expressionist artists to explore fashion design and see how these have influenced designs of patterns used in fashion. Explore the patterns created in Op Art. Piet Mondrian. Courageous Advocacy Opportunity- Fast Fashion	Take inspiration from the greats Christian Art. El Greco and the Mannerism style.
Music	Musical Spotlight: Music and Technology	Musical Spotlight: Creative Composition	Musical Spotlight: Improvising with Confidence
	Musical Learning: Singing and listening are at the heart of each lesson. Play, improvise and compose using a selection of these notes: C, D, E, F, F♯, G, A, B♭, B	Musical Learning: Singing and listening are at the heart of each lesson. Play, improvise and compose using a selection of these notes: C, C♯, D, E, F, F♯, G, A, B♭, B	Musical Learning: Singing and listening are at the heart of each lesson. Play, improvise and compose using a selection of these notes: C, C♯, D, E, F, F♯, G, G♯, A♭, A, B♭, B
	Learning about how music and songs are often created and composed using a DAW (Digital Audio Workstation) and live instruments.	Learning how chords in compositions, we can create music that is more harmonically interesting. Learning how we can create accompaniment for a	Learning how to create your own personal musical ideas. Learning to improvise using phrasing and dynamics.
	Learning to tell the difference between live sounds and digital sounds?	melody using chords.	(A 'phrase' is sort of like a 'musical sentence'.)
	Learning about the The YuStudio projects and how this will enrich and enhance your musical journey and inspire your creativity.	Explore how chords are used within the music in this unit by listening and responding to La Bamba and looking at the composition extension activities for Disco Fever.	Learning about how sometimes, a melody is made up of many phrases – just like a paragraph is made up of many sentences. Explore how phrases fit together to make a melody.
	Social Question: How Does Music Bring Us Together?	Social Question: How Does Music Improve Our World?	Learning about how changing the dynamics of music, we can make the music more interesting. Sometimes, gradual changes from soft to loud ('crescendo') or from loud to soft ('diminuendo') can help make music more exciting.
			Social Question: How Does Music Shape Our Way of Life?
	Musical Spotlight: Developing Ensemble Skills	Musical Spotlight: Musical Styles Connect Us	
	Musical Learning: Singing and listening are at the heart of each lesson. Play, improvise and compose using a	Musical Learning: Singing and listening are at the heart	
	selection of these notes: C, D, E, F, F♯, G, A, B♭, B	of each lesson. Play, improvise and compose using a selection of these notes: C, C♯, D, E, F, F♯, G, A, B♭, B	Musical Spotlight: Farewell Tour
			Musical Learning: Singing and listening are at the heart of each lesson. Play, improvise and compose using a

	Learning to use dynamics and expression when singing and playing together. Learning how to read a notated instrumental part. Learning how to listen to one another and follow the leader if there is one. Learning how to change the dynamics of music. Learning how to make gradual changes from soft to loud ("crescendo") or from loud to soft ("decrescendo") can help make music more exciting. Social Question: How Does Music Connect Us with Our Past?	Learning about how Music is powerful and brings people from different backgrounds and parts of the world together. Learning about and exploring how different styles of music are developed from different social themes. Social Question: How Does Music Teach Us About Our Community?	selection of these notes: C, C#, D, E, F, F#, G, G#, Ab, A, Bb, B Learning how to practice and rehearse a last performance before you moving to high school. Learning how to vary the performance using small groups or bands and as a whole class. Social Question: How Does Music Connect Us with the Environment?
MFL	Read fluently	Read fluently	Read fluently
French	Write imaginatively	Write imaginatively	Write imaginatively
	Speak confidently	Speak confidently	Speak confidently
	Understand the culture of the countries in which the language is spoken	Understand the culture of the countries in which the language is spoken	Understand the culture of the countries in which the language is spoken
	My Class Days and months Birthdays Classroom objects	My school My family	Myself and my family Describing myself Clothes The weather
PSHE/RSE	Caring friendships	Caring friendships	Caring friendships
	Mental wellbeing	Respectful Relationships	Mental wellbeing
	Respectful Relationships Being Safe	Internet Safety and Harms	Being Safe
	Families and people who care for me	Mental wellbeing	Respectful Relationships
	Healthy Eating	Online relationships	Health and prevention
	Health and prevention	Drugs, alcohol and tobacco	Internet Safety and Harms

First Aid – Head injuries First Aid – Choking Calling for help Life support Changing Adolescent Bodio	
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Courageous Advocacy Opportunity-	arity/ Fund