

St Mary's YEAR 3 LONG TERM PLAN 2020-21

	Autumn		Spring		Summer	
Values Heartsmart	<u>LOVE</u> 'Get HEARTSMART'	<u>DETERMINATION</u> 'No Way through isn't true!'	<u>RESPECT</u> 'Two much Selfie isn't healthy!'	<u>COMPASSION</u> 'Don't Forget to Let Love In!'	<u>HONESTY</u> 'Fake is a Mistake!'	<u>COURAGE</u> 'Don't Rub it in, Rub it Out!'
Maths	<p>Count from 0 in multiples of 4,8,50 and 100; finding 10 or 100 more or less than a given number</p> <p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</p> <p>Compare and order numbers up to 1000</p> <p>Identify, represent and estimate numbers using different representations</p> <p>Read and write numbers up to 1000 in numerals and in words</p> <p>Add and subtract numbers mentally, including</p> <ul style="list-style-type: none"> • a three-digit number and ones • a three-digit number and tens • a three-digit number and hundreds <p>Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.</p> <p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</p> <p>Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one digit numbers, using mental and progressing into formal written methods</p>		<p>Comparing multiplication and division statements</p> <p>Related multiplication and division calculations</p> <p>Multiplying a 2 digit number by a 1 digit number</p> <p>Dividing a 2 digit number by a 1 digit number</p> <p>Problem solving mixed problems - multiplication and division</p> <p>Converting pounds and pence</p> <p>Adding money</p> <p>Subtracting amounts of money</p> <p>Problem solving - money</p> <p>Interpret and present data using bar charts, pictograms and tables</p> <p>Solve one-step and two-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts, pictograms and tables.</p> <p>Measure, compare, add and subtract: lengths (m/cm/mm)</p> <p>Measuring the perimeter</p> <p>Solve problems involving length</p> <p>Make a whole with unit and non-unit fractions</p> <p>Explore tenths as fractions</p> <p>Understand fractions as numbers</p> <p>Calculate fractions as a set of objects</p>		<p>Find equivalent fractions</p> <p>Comparing and ordering fractions</p> <p>Adding and subtracting fractions</p> <p>Solve word problems about fractions and finding fractions of amounts</p> <p>Problem solving - fractions of measures</p> <p>Measure, compare, add and subtract: mass (kg/g); volume/capacity (l/ml)</p> <p>Solve problems involving mass and capacity</p> <p>Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</p> <p>Recognise that angles are a property of shape or description of a turn</p> <p>Identify right angles, recognise that two right angles make a half turn, three make three quarters of a turn and four a complete turn;</p> <p>identify whether angles are greater than or less than a right angle</p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</p> <p>Learn about hours, days, months and years</p> <p>Estimate times</p> <p>Tell the time to the nearest minute</p> <p>Calculate start and end times</p> <p>Solve time problems</p>	
English	<p><u>After the Fall 2 weeks transition text</u></p> <p><u>Stone Age Boy by Satoshi Kitamura</u></p> <p>Writing</p> <p>Non fiction</p> <p>Use simple organisational devices</p> <p>Make improvements to grammar and vocabulary</p> <p>Proof-read for spelling and punctuation errors</p> <p>Paragraphing</p> <p>Final Outcome: A non-chronological report about an aspect of Stone Age life</p>		<p><u>Winter's Child by Angela McAllister</u></p> <p>Writing</p> <p>Recount- Letter writing</p> <p>Conjunctions to express, time, place and cause</p> <p>Adverbs to express time</p> <p>Create characters, settings and plot in narrative</p> <p>Propose changes to grammar and vocabulary to improve consistency</p> <p>Commas to separate items in a list</p> <p>Final Outcome: To write a fantasy story based on a fable.</p> <p>Greater Depth: To write from a different point of view.</p>		<p><u>Escape from Pompeii by Christina Balit</u></p> <p>Writing</p> <p>Fiction: historical narrative from character's point of view</p> <p>Plan writing by discussing structure, vocabulary and grammar of similar writing.</p> <p>Proof-read for spelling and punctuation errors</p> <p>Draw inferences and justify with evidence.</p> <p>Final Outcome: Write the story from the point of view of one of the children</p> <p>Greater depth: Write from the point of view of the captain</p>	

Greater Depth: A non-chronological report which includes some instructions

Reading comprehension:

Predict from details stated and implied
Explain meanings of words in context
Identify main ideas drawn from more than one paragraph and summarise
Identify how language, structure and presentation contribute to meaning
Retrieve and record information from non-fiction

Seal Surfer by Michael Foreman

Writing

Recount- Letter writing

Group related ideas into paragraphs
Use a or an
Prepositions to express time, place and cause
Introduce inverted commas to punctuate direct speech
Final Outcome: To write a letter describing missed events.
Greater Depth: Letter writing from a different perspective in response to a letter received.

Reading comprehension

Draw inferences (characters feelings, thoughts and motives) and justify with evidence
Use dictionaries to check the meanings of words
Predict from details stated and implied
Ask questions to improve understanding of a text

Reading comprehension

Draw inferences (characters' feelings, thoughts and motives) and justify with evidence
Predict from details stated and implied
Ask questions to improve understanding of a text
Discuss words and phrases that capture the reader's interest and imagination

Big Blue Whale by Nicola Davies

Writing

Non- fiction: Persuasion

Adverbs to express time, place and cause
Sentence structures
Proof-read for spelling and punctuation errors
Final Outcome: Write a leaflet persuading for the protection of the blue whale
Greater Depth: Include a fact file about endangered sea creatures

Reading comprehension:

Read for a range of purposes
Identify how language, structure and presentation contribute to meaning
Retrieve and record information from non- fiction
Predict from details stated and implied

Reading comprehension:

Draw inferences (characters' feelings, thoughts and motives) and justify with evidence
Predict from details stated and implied Discuss words and phrases that capture the reader's interest
Ask questions to improve understanding of a text

Journey by Aaron Becker

Writing

Narrative- adventure

Sentence structures
Plan writing by discussing the structure, vocabulary and grammar of similar writing
Proof-read for spelling and punctuation errors
Final Outcome: Write an adventure story based on Journey using the language of Berlie Doherty
Greater Depth: Include a new setting route to lead from one place to another.

Reading comprehension:

Discuss words and phrases that capture the reader's interest and imagination
Draw inferences such as inferring characters' feelings, thoughts and motives from their actions
Predict from details stated and implied

<p>Science</p>	<p>Work scientifically Compare and contrast the diets of different animals Identify and group animals with and without skeletons Compare and group different kinds of rocks Effects of water on rocks</p> <p>Understand animals and humans Animals including humans need correct nutrition. What types of foods do we need to keep us healthy? Investigating foods and food labels to find out about their nutrients Know that some animals and humans have skeletons.</p> <p>Investigate materials - Rocks and soils Compare and group different kinds of rocks Which rocks are permeable, which are hard or soft? What type of rock would be good to build steps with? Recognise that soils are made from rocks Describe how fossils are formed</p>	<p>Work scientifically Compare how things move Explore the strength of magnets</p> <p>Understand movement, forces and magnets Explore forces and how pushes and pulls make objects move Learn about contact and non-contact forces Find out all about magnets and which materials are attracted to them Learn about the poles of magnets</p>	<p>Work scientifically Investigate darkness is the absence of light Look for patterns with shadows Plant experiment How observe how water is transported in plants Discover how seeds are formed</p> <p>Understand plants Identify and describe the functions of different parts of flowering plants. What do plants need to live? Investigate how water is transported within plants. Explore the part that flowers play in the life cycle of plants</p> <p>Investigate light and seeing We need light to see. Light is reflected from sources and discover what these are Light from the sun can be dangerous. Learn how to keep safe in the sun Investigate shadows and how they change through the day</p>
<p>R.E</p>	<p>Understand beliefs and teachings Creation is God's gift to us as humans and we must look after the world Good News- that the Good News comes from Gods word and the Bible God is the father, Son and Holy Spirit Incarnation is God on earth in human form</p> <p>Understand practices and lifestyles Christian Community- how we live as Christian community both locally and globally How can we as Christians help our community</p> <p>Understand how beliefs are conveyed Good News Christian Community- how we live as Christian community both locally and globally How can we as Christians help our community</p> <p>Reflect Good News- that the Good News comes from Gods word and the Bible God is the father, Son and Holy Spirit</p> <p>Understand values Incarnation is God on earth in human form Good News- that the Good News comes from Gods word and the Bible</p>	<p>Understand beliefs and teachings Islam is a different religion. Learn about the beliefs of Muslims and how they worship Kingdom of God The Easter story teaches us to forgiven and that through Jesus' resurrection we can have salvation</p> <p>Understand practices and lifestyles Learn about the beliefs of Muslims and how they worship</p> <p>Understand how beliefs are conveyed Understand the importance of the Koran</p> <p>Reflect The Easter story teaches us to forgiven and that through Jesus' resurrection we can have salvation</p> <p>Understand values The Easter story teaches us to forgiven and that through Jesus' resurrection we can have salvation</p>	<p>Understand beliefs and teachings Recognise the importance of Mohammed in Islam Discipleship of us as Christians That the Holy Spirit is with us always</p> <p>Understand practices and lifestyles Islam Mohammed</p> <p>Understand how beliefs are conveyed Discipleship of us as Christians and how we should go into the community to spread God's word That the Holy Spirit is with us always</p> <p>Reflect Discipleship of us as Christians That the Holy Spirit is with us always and what this means to us in times of need</p> <p>Understand values Discipleship of us as Christians That the Holy Spirit is with us always</p>

<p>Geography</p>	<p>Investigate places How landscapes are formed and eroded What are humans doing to stop Climate change? Landscapes: weathering, rivers mountains, Erosion and deposition: rivers, coasts and its management Climate change Local geography- River Mersey, weathering of castle</p> <p>Investigate patterns Describe some of the characteristics of these geographical events</p> <p>Communicate geographically Describe key aspects of: • physical geography rivers, mountains, coasts and the water cycle</p> <p>Continuous Use maps, atlases, globes and digital/computer mapping to locate countries and describe features. Use a range of resources to identify the key physical and human features of a location.</p>	<p>Investigate places All about Europe Maps of, population, rivers, mountains, volcanos Local geography- River Mersey, Halton Village</p> <p>Investigate patterns Describe geographical similarities and differences between countries in Europe.</p> <p>Communicate geographically Describe key aspects of: • physical geography, rivers, mountains., volcanos • human geography, including: settlements and land use.</p> <p>Continuous Use maps, atlases, globes and digital/computer mapping to locate countries and describe features. Use a range of resources to identify the key physical and human features of a location.</p>	<p>Investigate places How we transport goods and trade with others Transportation: national, international International trade: food, natural resources and tourism Local geography- Runcorn trade</p> <p>Investigate patterns Describe geographical similarities and differences between countries</p> <p>Communicate geographically Use the eight points of a compass, four figure grid references, symbols and key to communicate knowledge of the United Kingdom and the wider world.</p> <p>Continuous Use maps, atlases, globes and digital/computer mapping to locate countries and describe features. Use a range of resources to identify the key physical and human features of a location.</p>
<p>History</p>	<p>Investigate and interpret the past Use evidence from Skara Brae to find out about The Stone Age</p> <p>Build an overview of world history Construct a time line.</p> <p>Understand chronology Begin to place artefacts on a time line using dates/periods of time</p> <p>Communicate historically Using historical vocabulary.</p>	<p>Investigate and interpret the past Use historical artefacts from The Bronze Age such as the Amesbury Archer to find out what life was like. Investigate how the use of iron transformed lives</p> <p>Build an overview of world history An overview of life in Britain - Stone Age to Medieval Britain.</p> <p>Understand chronology Order periods of time</p> <p>Communicate historically Using historical vocabulary.</p>	<p>Investigate and interpret the past Find out about The Romans and how life changed</p> <p>Build an overview of world history Explain how social and cultural changes have occurred over time.</p> <p>Understand chronology Use dates and terms to describe events</p> <p>Communicate historically Using historical vocabulary.</p>

Computing	<p>Code Young Coders Understand how code is used in computing Find out about algorithms</p> <p>Connect Get Blogging Investigate blogs and how to communicate on the internet</p> <p>Communicate Get Blogging Write a blog and publish it Ebooks See how we can change the format of e books and add pictures and photographs to text</p> <p>Collect Young Coders Use algorithms</p>	<p>Code We love games Understand the algorithms used in games Big Robots Use different controls, directional language, programming and instructions</p> <p>Connect Get Blogging Compare web1.0 and 2.0 Class democracy and apply the knowledge to have a class vote</p> <p>Communicate Brushes Learn how to use the Brushes program to draw and illustrate an e book page</p> <p>Collect Class democracy Collect and create resources to promote their legislation</p>	<p>Code Young Coders Create our own ideas about codes My first program</p> <p>Connect Get Blogging Produce a wiki space for children to contribute to</p> <p>Communicate Ebooks Complete a short story using our literacy work as a starting point and illustrate it Going for Gold How certain foods keep us healthy and using the computer to investigate this</p> <p>Collect Going for Gold Collect information about exercise and types of food impact on the body</p> <p>Art and Design - Digital Material - Create image and video of castles</p>
P.E	<p>Develop practical skills in order to participate, compete and lead a healthy lifestyle. Invasion games Gymnastics Dance</p>	<p>Develop practical skills in order to participate, compete and lead a healthy lifestyle. Net/Wall games Gymnastics Swimming</p>	<p>Develop practical skills in order to participate, compete and lead a healthy lifestyle. Striking and Fielding Athletics</p>
Art	<p>Develop ideas Use Religious artists as a starting point based on icons Stone Age cave paintings as a starting point. Looking at the painting found in Stone Age caves</p> <p>Master techniques Sketching and painting artwork based upon the religious art studied in Incarnation. Printing - replicate patterns observed in caves from The Stone Age.</p> <p>Take inspiration from the greats Artists- Rublev Famous artist who used printing methods - Andy Warhol</p>	<p>Develop ideas Use rivers as a starting point to investigate the flow and the way the river moves. Transfer this into a sculpture</p> <p>Master techniques Sculpture - create and sculpt a recognisable river form using mouldable or construction materials.</p> <p>Take inspiration from the greats Goldsworthy using different materials to sculpt</p>	<p>Develop ideas Use Mosques and Roman mosaics as a starting point. Look at the patterns used in mosques and in Roman artefacts. Investigate the colours used and the structure and shape of the tiles</p> <p>Master techniques Collage - use collage to create mosaic style patterns</p> <p>Take inspiration from the greats Roman and Islamic mosaic artists Gaudi</p>
DT	<p>Master practical skills Develop skills to make a high quality food product.</p> <p>Design, make, evaluate and improve Food - prepare, measure and cook ingredients to make a food product.</p>	<p>Master practical skills Develop skills to create a copy of an Iron Age roundhouse.</p> <p>Design, make, evaluate and improve Construction - using suitable techniques to construct a roundhouse.</p>	<p>Master practical skills Sewing using a sewing machine to attach fabrics and collage materials</p> <p>Design, make, evaluate and improve Textiles - making representations of a river sewing project</p>

	<p>Take inspiration from design throughout history Follow recipes.</p>	<p>Mechanics - use mechanics to incorporate a mechanism on the roundhouse. Electricals and electronics - control and monitor BeeBots</p>	<p>Take inspiration from design throughout history Study Monets art depicting rivers Use William Morris' work as a starting point to investigate textiles</p>
Music	<p>Perform Perform and Share</p> <p>Compose Improvise with the Song: using your voices and instruments (using one note, C)</p> <p>Transcribe Play Instruments with the Song: With notation</p> <p>Describe music Listen and Appraise the song Let Your Spirit Fly and other songs: Let Your Spirit Fly by Joanna Mangona Colonel Bogey March by Kenneth Alford Consider Yourself from the musical 'Oliver!' Ain't No Mountain High Enough by Marvin Gaye</p>	<p>Perform Perform and Share</p> <p>Compose Improvise with the Song: using your voices and instruments (notes C and D) Compose with the Song: using your instruments Select '3 note set' (C, D and E).</p> <p>Transcribe Play Instruments with the Song: With notation</p> <p>Describe music Listen and Appraise the song Three Little Birds and other songs: Three Little Birds by Bob Marley Jamming by Bob Marley Small People by Ziggy Marley 54 - 46 Was My Number by Toots and The Maytals Ram Goat Liver by Pluto Shervington Our Day Will Come by Amy Winehouse</p>	<p>Perform Perform and Share</p> <p>Compose Improvise with the Song: using your voices and instruments (notes C and A) Compose with the Song: using your instruments Select '3 note set' (C, A and G).</p> <p>Transcribe Play Instruments with the Song: With notation</p> <p>Describe music Listen and Appraise the song Bringing Us Together and other Disco songs: Bringing Us Together by Joanna Mangona and Pete Readman Good Times by Nile Rodgers Ain't Nobody by Chaka Khan We Are Family by Sister Sledge Ain't No Stopping Us Now by McFadden and Whitehead Car Wash by Rose Royce</p>
MFL French	<p>Read fluently Recognising key vocabulary and phrases on the themes of 'Getting to Know You' and 'All About Me.'</p> <p>Write imaginatively Begin to write simple words, phrases and numbers from 0-10.</p> <p>Speak confidently Engage in conversations; greeting one another, asking questions and responding to simple questions.</p> <p>Understand the culture of the countries in which the language is spoken Introduce the French culture through photographs.</p>	<p>Read fluently Recognising key vocabulary and phrases on the themes of 'Food, Glorious Food' and 'Our School.'</p> <p>Write imaginatively Begin to write simple words, phrases and questions.</p> <p>Speak confidently Engage in conversations; asking and answering simple questions about food. Provide and follow simple instructions.</p> <p>Understand the culture of the countries in which the language is spoken Appreciate stories, songs, poems and rhymes in the language.</p>	<p>Read fluently Recognising key vocabulary and phrases on the themes of 'Family and Friends' and 'Time'</p> <p>Write imaginatively Write simple words, phrases and questions.</p> <p>Speak confidently Re-call the alphabet and numbers from 11-31. Ask and answer simple questions.</p> <p>Understand the culture of the countries in which the language is spoken Appreciate stories, songs, poems and rhymes in the language.</p>

