

St Mary's YEAR 2 LONG TERM PLAN

	Autumn		Spring		Summer	
Values Heartsmart	<u>LOVE</u> 'Get HEARTSMART'	<u>COMPASSION</u> 'Don't Forget to Let Love In!'	<u>RESPECT</u> 'Too much Selfie isn't healthy!'	<u>COURAGE</u> 'Don't Rub it in, Rub it Out!'	<u>HONESTY</u> 'Fake is a Mistake!'	<u>DETERMINATION</u> 'No Way through isn't true!'
Maths	<p>Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward. Read and write numbers to at least 100 in numerals and in words.</p> <p>Recognise the place value of each digit in a two-digit number (tens, ones)</p> <p>Identify, represent and estimate numbers using different representations, including the number line.</p> <p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100. Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</p> <p>Add and subtract numbers mentally, or using concrete objects and pictorial representations including:</p> <ul style="list-style-type: none"> • A two-digit number and ones • A two-digit number and tens • Two two-digit numbers • Adding three one-digit numbers <p>Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables including recognising odd and even numbers. Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. Recognise, find, name and write fractions, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, $\frac{3}{4}$ and of a length, shape, set of objects or quantity.</p> <p>Write simple fractions for example, half of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$</p>		<p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.</p> <p>Compare and order lengths, mass, volume/capacity and record the results using >, < and =</p> <p>Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value Find different combinations of coins that equal the same amounts of money Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. Compare and sequence intervals of time. Know the number of minutes in an hour and the number of hours in a day. Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.</p> <p>Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.</p> <p>Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.</p> <p>Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]. Compare and sort common 2-D and 3-D shapes and everyday objects. Order and arrange combinations of mathematical objects/shapes in patterns and sequences Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three quarter turns (clockwise and anti-clockwise).</p>		<p>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</p> <p>Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity</p> <p>Ask and answer questions about totalling and comparing categorical data. Revision of previous and continuous objectives</p> <p>(Revision of previous objectives and targeted support to meet the programme of study)</p> <p>Revision of previous objectives and targeted support to meet the programme of study)</p>	

<p>English</p>	<p><u><i>Troll Swap by Leigh Hodgkinson</i></u> Writing Fiction – Story with character focus Plan or say out loud what is going to be written about Correct punctuation – full stops, capital letters Expanded noun phrases Subordination (because) and coordination (and) Final Outcome: To write a story based upon the model text using the pupils’ ideas for characters. Greater Depth: To write a story about two independently invented contrasting characters who swap places.</p> <p>Reading comprehension Discuss the sequence of events in books and how items of information are related Make inferences on the basis of what is being said and done Answer and ask questions Predict what might happen on the basis of what has been read so far Participate in discussion about books, poems and other works Explain and discuss their understanding of books, poems and other material</p> <p><u><i>The Owl Who Was Afraid of the Dark by Jill Tomlinson</i></u> Writing Report- non-chronological Use co-ordination (but, or) Add -ly to turn adjectives into adverbs Write for different purposes Commas to separate items in a list Final Outcome: To write a fact sheet about owls using information gathered from the text. Greater Depth: To have greater choice in how to represent the information.</p> <p>Reading comprehension Discuss the sequence of events in books and how items of information are related Make inferences on the basis of what is being said and done Answer and ask questions Draw on what is already known or on background information and vocabulary provided by the teacher Participate in discussion about books, poems and other works Explain and discuss their understanding of books, poems and other material</p> <p><u><i>The Christmas Story</i></u> (cross-curricular R.E.) Re-telling</p>	<p><u><i>The Dragon Machine by Helen Ward</i></u> Writing Fiction – Story with adventure focus Plan or say out loud what is going to be written about Write down ideas, key words, new vocabulary Encapsulate what is to be written, sentence by sentence Make simple additions, revisions and corrections Evaluate writing with the teacher and other pupils Proof-read to check for errors in spelling, grammar and punctuation Read aloud with intonation Final Outcome: To write a story based upon the model text using own ideas for a change of character and machine. Greater Depth: To write the story in first person from new character’s point of view to allow for description of emotions and viewpoint throughout the story.</p> <p>Reading comprehension: Make inferences on the basis of what is being said and done Answer and ask questions Predict what might happen on the basis of what has been read so far Check the text makes sense</p> <p><u><i>Major Glad, Major Dizzy by Jan Oke</i></u> Writing Non-fiction – Recount (diary entry) Plan or say out loud what is going to be written about Write down ideas, key words, new vocabulary Encapsulate what is to be written, sentence by sentence Make simple additions, revisions and corrections Evaluate writing with the teacher and other pupils Proof-read to check for errors in spelling, grammar and punctuation Final outcome: To write a recount of historical events from the text from Major Glad’s point of view. Greater depth: Include in the diary how Major Dizzy felt. What did Major Glad notice about him?</p> <p>Reading comprehension: Read non-fiction books that are structured in different ways Discuss and clarify the meaning of words Answer and ask questions Predict what might happen on the basis of what has been read so far Explain and discuss their understanding of books, poems and other material</p>	<p><u><i>The Last Wolf by Mini Grey</i></u> Writing Non-Fiction -Letter Plan or say out loud what is going to be written about Write about real events Write narratives about personal experiences and those of others (real and fictional) Make simple additions, revisions and corrections Evaluate writing with the teacher and other pupils Re-read to check sense Proof-read to check for errors in spelling, grammar and punctuation Final Outcome: To write a letter in role persuading characters to save the trees Greater Depth: To write a letter as themselves persuading local people to save the trees.</p> <p>Reading comprehension: Become familiar with and re-tell a wider range of traditional tales Draw on what is already known and on background information and vocabulary provided by the teacher Recognise simple recurring literary language Predict what might happen on the basis of what has happened Listen to, discuss and express views about a wide range of books at a level beyond that which can be read independently <u><i>Grandad’s Secret Giant by David Litchfield</i></u> Writing Fiction -story with a moral focus Make simple additions, revisions and corrections Evaluate writing with the teacher and other pupils Re-read to check sense Write for different purposes Write poetry Proof-read to check for errors in spelling, grammar and punctuation Final outcome: To write own version of the story with a focus on morals and acceptance of others. Greater Depth: To write own version of the story including the point of view of the giant character.</p> <p>Reading comprehension: Discuss the sequence of events in books and how items of information are related. Make inferences on the basis of what is being said and done Ask and answer questions Predict what might happen on the basis of what has happened Listen to, discuss and express views about a wide range of books at a level beyond that which can be read independently.</p>
-----------------------	---	---	--

<p>Science</p>	<p>Work scientifically Learning the methodologies of the discipline of science. Pattern seeking - raise questions about what things animals need for survival and what humans need to stay healthy Observing changes over time - Observe through video or first- hand observation how different animals including humans, grow.</p> <p>Understand animals and humans The importance of exercise and hygiene for humans.</p> <p>Notice that animals, including humans have offspring that grow into adults.</p> <p>Find out about the basic needs of animals, including humans</p> <p>Explore what we need to stay alive.</p>	<p>Work scientifically Learning the methodologies of the discipline of science. Pattern seeking – study of microhabitats Classification and identification – sort according to living, dead and never alive. Classification and identification – sort materials according to their recyclable properties. Classification and identification - identify and classify the uses of different materials and their suitability to their use.</p> <p>Investigate materials Identify and compare suitability of everyday materials for particular uses.</p> <p>Becoming familiar with a range of materials, their properties, uses and how they may be altered or changed.</p> <p>Recycling of materials</p> <p>Investigate living things Investigate differences between things living, dead and never lived.</p> <p>Study of different habitats and microhabitats. Collect, represent and interpret data</p> <p>Food chains, interdependence of habitats.</p> <p>Adaptation – explore why animals are suited to their environments and how they have adapted over time.</p>	<p>Work scientifically Learning the methodologies of the discipline of science Observing changes over time - the growth of a variety of plants as they change over time from a seed or bulb. Fair test - to show that plants need light and water to stay healthy Pattern seeking - Use the local environment throughout the year to observe how different plants grow.</p> <p>Understand plants Observe and describe how seeds and bulbs grow into mature plants. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy</p>
-----------------------	--	--	--

<p>R.E</p>	<p>Understand beliefs and teachings (Good News) How the Bible shows Jesus living his life as good news to people. (Incarnation) Understand why Jesus is considered a King to a Christian. Understand the importance of the visit of the magi at Jesus's birth.</p> <p>Understand practices and lifestyles (Creation) Why Christians say thank you at Harvest time.</p> <p>Understand how beliefs are conveyed (God) What the Bible stories teach Christians about God. Identify what Christians believe about God.</p> <p>Reflect</p>	<p>Understand beliefs and teachings (Kingdom of God) Learn about the Lord's Prayer and what it says about the Kingdom of God. (Forgiveness) Explore what Jesus taught about prayer. (Salvation) Understand some of Jesus's parables and what they mean. (Resurrection) Understand how Jesus rose on the third day and what his resurrection means to Christians.</p> <p>Understand practices and lifestyles (Creation) Why Christians look after their local environment. (Forgiveness) Understand what part of the Lord's prayer is about and how it might help Christians feel forgiven so they can start again.</p> <p>Understand how beliefs are conveyed</p>	<p>Understand beliefs and teachings (Holy Spirit) Explore how the Bible refers to and explains the Holy Spirit. (Other Religions: Judaism) Learn about Shabbat and what it means to Jews.</p> <p>Understand practices and lifestyles (Discipleship) Recognise what an infant baptism is and what happens in an infant baptism. (Other Religions: Judaism) Understand how the practice of Shabbat helps Jews to keep their promise to God every week. (Christian Community) Recognise that Church is a place of belonging.</p>
	<p>(God) Explain what is important to me and to others about God.</p> <p>Understand values (Creation) Give examples of what Christians do to say thank you to God for creation.</p>	<p>(Kingdom of God) Explore what Jesus (in the Bible) may have been trying to teach about the Kingdom of God in the Lord's Prayer. (Salvation) Understand why Jesus's teaching in parables is important to Christians.</p> <p>Reflect (Forgiveness) Understand how the confession of sin helps people start again. (Resurrection) Understand how Jesus's resurrection is central to Christian belief, and how a looking forward to a Christian's own resurrection changes the way they live their lives.</p> <p>Understand values (Forgiveness) Understand how important it is for people to forgive wrongs and how this makes the forgiver and the forgiven feel.</p>	<p>Understand how beliefs are conveyed (Holy Spirit) Recognise common Christian symbols for the Holy Spirit. Represent the Holy Spirit in different ways to show what Christians believe about it.</p> <p>Reflect (Discipleship) Recognise what promises are made at an infant baptism and why they are made, recognising the hopes of a parent. (Holy Spirit) Explore the idea of the Holy Spirit as an interesting or puzzling concept to ask questions about. Use symbols and artwork to reflect on what the Holy Spirit means in a Christian's life. (Christian Community) Understand what it means to belong to a church as a believer. Explain why going to church is important to a believer.</p> <p>Understand values (Holy Spirit) Understand how Christians view the Holy Spirit as God always with them, and the concept of the Holy Trinity.</p>

Geography	<p style="text-align: center;">Investigate places</p> <p>Investigate the United Kingdom and its countries and capital cities. Focus on England and Northern Ireland and investigate human and physical features.</p> <p style="text-align: center;">Investigate patterns</p> <p>Investigate how people live in the United Kingdom. Compare the landscape and climate of England and Northern Ireland.</p> <p style="text-align: center;">Communicate geographically</p> <p>Understanding geographical representations, vocabulary and techniques. Use language such as continent, country, European, capital city, physical features, river, ocean, sea, Climate, equator, next to, far, near, distance, landmark, city, town, village, farm, harbour, port, settlement, north, east, south, west.</p>	<p style="text-align: center;">Investigate places</p> <p>Investigate our oceans with a focus on the Atlantic and Arctic oceans. Locate where they are and the countries they surround.</p> <p style="text-align: center;">Investigate patterns</p> <p>Investigate the similarities and differences between the Atlantic and Arctic oceans. Compare climate and size.</p> <p style="text-align: center;">Communicate geographically</p> <p>Understanding geographical representations, vocabulary and techniques. Look at oceans on a map. Use language such as continent, equator, ports, marine species, endangered, connected, natural resources, climate change.</p>	<p style="text-align: center;">Investigate places</p> <p>Investigate the location of Australia. Study its physical and human features. Look at the Aboriginal people and the Daintree rainforest.</p> <p style="text-align: center;">Investigate patterns</p> <p>Explore how Sydney compares to London. Focus on weather and extreme weather comparing Australia and England.</p> <p style="text-align: center;">Communicate geographically</p> <p>Understanding geographical representations, vocabulary and techniques. Use language such as continent, country, European, Non-European, capital city, physical features, human features, island, ocean, sea, climate, next to, far, near, distance, landmark, city, town, village, farm, harbour, port, settlement, north, east, south, west.</p>
History	<p style="text-align: center;">Queens of England</p> <p style="text-align: center;">Investigate and interpret the past</p> <p>Find out about what life was like both for Queen Victoria and Queen Elizabeth II and during their reigns for ordinary people. How are they the same and different?</p> <p style="text-align: center;">Build an overview of world history</p> <p>Investigate the lives of Queen Victoria and Queen Elizabeth and how their reigns have shaped our lives and the world in which they lived.</p> <p style="text-align: center;">Understand chronology</p> <p>Timeline of important events in their lives.</p> <p style="text-align: center;">Communicate historically</p> <p>Using historical vocabulary and techniques to convey information about the past.</p>	<p style="text-align: center;">Events That Have Changed Our World</p> <p style="text-align: center;">Investigate and interpret the past</p> <p>Investigate what evidence we have for the past; focusing on the first moon landing.</p> <p style="text-align: center;">Build an overview of world history</p> <p>Investigate the first moon landing and the race to get to space and how this has shaped our lives.</p> <p style="text-align: center;">Understand chronology</p> <p>Understand the key events and significant people during the first moon landing. Chart these on a time line, recognising that some aspects of history studied were happening at similar times in different places across the globe.</p> <p style="text-align: center;">Communicate historically</p> <p>Using historical vocabulary and techniques to convey information about the past.</p>	<p style="text-align: center;">Would I Rather Live On the Other side of the World?</p> <p style="text-align: center;">Investigate and interpret the past</p> <p>Study our local area. Investigate how life has changed. Take a local walk and investigate the past in Halton.</p> <p style="text-align: center;">Build an overview of world history</p> <p>Find out about what life was like in Runcorn in the past. Local history study - find out about how the area has changed with a focus on Norton Priory, St Mary's Church and Halton Castle.</p> <p style="text-align: center;">Understand chronology</p> <p>Chart significant dates in our local history. Look at some key dates and identify what was happening elsewhere in the world.</p> <p style="text-align: center;">Communicate historically</p> <p>Using historical vocabulary and techniques to convey information about the past.</p>
Computing	<p style="text-align: center;">IT around us Self-image and identity Digital photography Online relationships</p>	<p style="text-align: center;">Pictograms Making music Managing online information</p>	<p style="text-align: center;">Robot algorithms Privacy and security Introduction to quizzes</p>

<p>P.E</p>	<p>Develop practical skills in order to participate, compete and lead a healthy lifestyle.</p> <p>Sending and receiving (Invasion) Kicking and dribbling (Invasion) Gymnastics – Balance and Co-ordination</p>	<p>Develop practical skills in order to participate, compete and lead a healthy lifestyle.</p> <p>Rule Making (Outdoor Adventure) Dance Fictional Characters – Pirates Striking for accuracy (Net Games)</p>	<p>Develop practical skills in order to participate, compete and lead a healthy lifestyle.</p> <p>Movement (Athletics) Kinetics (Tag Rugby) Group games (Striking and fielding)</p>
<p>Art</p>	<p>‘Food’</p> <p>Take inspiration from the greats Study artists Carl Warner, Giuseppe Arcimboldo Create portraits in the style of Giuseppe Arcimboldo.</p> <p>Develop ideas Research how Cezanne developed his art style and who influenced him. Still life paintings and use of colours.</p> <p>Master techniques Look at the effects of light Explore a range of brushstrokes Develop collage techniques.</p>	<p>‘The Jungle’</p> <p>Take inspiration from the greats Study artist Henri Rousseau Find out who inspired them and what techniques they used.</p> <p>Develop ideas Looking at how artists can create a range of different emotions. Design and compose art works inspired by and using things found in nature.</p> <p>Master techniques Use natural materials to create a jungle collage background. Use textiles with different textures to create a jungle animal to add to the collage. Use media techniques to add to/enhance. Compare and contrast effects of colour.</p>	<p>‘At the Seaside’</p> <p>Take inspiration from the greats Study artists Claude Monet, JMW Turner and Edgar. Compare and contrast Impressionist and Romantic styles. Look at emotions.</p> <p>Develop ideas Look at how artists experimented whilst developing their style. Study effects of light. Critique paintings, offering own ideas and opinions.</p> <p>Master techniques Compare and contrast effects of colour in different landscapes (warm and cool) Experiment with texture (mixing materials with paint). Techniques used to show movement.</p>
<p>DT</p>	<p>Master practical skills Develop techniques for constructing frame structures.</p> <p>Design, make, evaluate and improve Design a chair using a frame structure.</p> <p>Take inspiration from design throughout history Take inspiration from both natural, coral, leaf, skeleton and manufactured chairs, bridges and bicycles</p>	<p>Master practical skills Explore and create effective levers.</p> <p>Design, make, evaluate and improve Design and make a simple lever mechanism using a fulcrum to pick up litter.</p> <p>Take inspiration from design throughout history Take inspiration from objects with levers, including scissors. Discuss how the parts are made and the importance of design.</p>	<p>Master practical skills Design and make a wheel and axle mechanism.</p> <p>Design, make, evaluate and improve Design and make a wind powered car that has chassis, wheels and an axle.</p> <p>Take inspiration from design throughout history Take inspiration from everyday objects e.g. screwdrivers, cars and taps.</p>
<p>Music - Charanga</p>	<p><u>Musical Spotlight: Pulse, Rhythm and Pitch</u></p> <p>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, G, A Exploring a pulse, a steady beat, long and short and high and low sounds, called ‘rhythm’ and ‘pitch’.</p>	<p><u>Musical Spotlight: Inventing a Musical Story</u></p> <p>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, G, A, B\flat, B</p> <p>Learning and exploring the fact that music is used for many reasons and can help us to tell a story and express our feelings.</p>	<p><u>Musical Spotlight: Exploring Improvisation</u></p> <p>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, G, A, B\flat, B. Exploring improvisation.</p>

	<p>Listening to, singing, playing and dancing to explore these elements of music and how they work together.</p> <p>Social Question: How Does Music Help Us to Make Friends?</p> <p><u>Musical Spotlight: Pulse, Rhythm and Pitch</u></p> <p>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, G, A Exploring a pulse, a steady beat, long and short and high and low sounds, called 'rhythm' and 'pitch'.</p> <p>Listening to, singing, playing and dancing to explore these elements of music and how they work together.</p> <p>Social Question: How Does Music Help Us to Make Friends?</p>	<p>Music can be loud or soft, fast or slow, smooth and connected, or short and detached.</p> <p>Learning how we can use instruments with different sounds to help communicate a story and different emotions.</p> <p>Learning to exploring sounds and feelings connected with music.</p> <p>Learning how music tells a story?</p> <p>Learning about loud and soft sounds.</p> <p>Social Question: How Does Music Make the World a Better Place?</p> <p><u>Musical Spotlight: Recognising Different Sounds</u></p> <p>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, G, A, Bb, B Learning about harmony in music!</p> <p>Learning and exploring how voices and instruments are used within the music.</p> <p>Learning how to identify how and when harmony takes place.</p> <p>Learning to recognise different instruments.</p> <p>Social Question: How Does Music Teach Us About Our Neighbourhood?</p>	<p>Learning to use two or three notes in playing or singing on your own.</p> <p>Social Question: How Does Music Make Us Happy?</p> <p><u>Musical Spotlight: Our Big Concert</u></p> <p>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, Bb, B Learning how to put on a big concert (Halton Singing festival)</p> <p>Learning to introduce the songs and tell your audience what you have learnt (Assembly)</p> <p>Social Question: How Does Music Teach Us About Looking After Our Planet?</p>
<p>PSHE/RSHE</p>	<p>Caring friendships</p> <p>Mental Well-Being</p> <p>Families and people who care for me</p> <p>Healthy eating</p> <p>Respectful relationships</p> <p>Physical Health and fitness</p>	<p>Caring friendships</p> <p>Respectful relationships</p> <p>Being Safe</p> <p>Online Relationships</p> <p>Mental Well-Being</p> <p>Internet Safety and Harms</p> <p>First Aid</p>	<p>Caring friendships</p> <p>Mental Well-Being</p> <p>Respectful relationships</p> <p>Health and Prevention</p> <p>First Aid Head injuries.</p>

		Calling for Help	
Courageous Advocacy	Harvest	Fairtrade	Litter picking