

	Literacy	Maths	Science	Topic Art, DT, Geography	RE	PE	PSHE PPA rotation	ICT
Week 1 1st Jan	<p><u>Narrative – Text; Oliver and the Seawigs</u></p>	<p><u>Number and Place Value</u> LO: To count forwards through zero from a negative number.</p> <p>LO: To order and compare numbers including negative numbers.</p> <p>LO: To read roman numerals to 100.</p> <p>LO: To solve number and practical problems.</p>	<p><u>Sound</u> LO: To identify how sounds are made, associating some of them with something vibrating.</p> <p>LO: To recognise that vibrations from sounds travel through a medium to the ear.</p> <p>LO: To find patterns between the volume of a sound and the strength of the vibrations that produced it. LO: To recognise that sounds get fainter as the distance from the sound source increases. Pupils should explore and identify the way sound is made through vibration in a range of different musical instruments from around the world; and find out how the pitch and volume of sounds can be changed in a variety of ways.</p> <p>(Pupils might work scientifically by: finding patterns in the sounds that are made by different objects such as saucepan lids of different sizes or elastic bands of different thicknesses. They might make earmuffs from a variety of different materials to investigate which provides the best insulation against sound. They could make and play their own instruments by using what they have found out about pitch and volume).</p>	<p><u>History</u> <u>The Romans – the Roman Legacy</u> LO: To develop an understanding of the Roman legacy.</p> <p>LO: To note connections, contrasts and trends over time.</p> <p>LO: To develop the appropriate use of historical terms.</p> <p>LO: To ask and address historically valid questions about change, cause, similarity and difference and significance.</p> <p>(Learn about the Roman legacy – exploring those things that the Romans brought which affected our subsequent history and even our language. Study the cities, the rule of law, Roman numerals and the calendar we use today, and come to understand how many aspects of modern life can, in effect, be traced back in some way to the Roman).</p> <p><u>DT – textiles</u> LO: To understand that containers for money are designed for different purposes and users.</p> <p>LO: To identify criteria for a successful money container.</p> <p>LO: To draw products from different views, and label indicating the materials, fastenings, measurements and construction techniques used.</p>	<p><u>Hinduism</u> LO: To understand that the central belief of Hinduism is that we are all connected.</p> <p>(Children to locate India on a world map and create a mind map showing what they remember about Hinduism. Introduce Hinduism to the children and share some interesting facts).</p>	<p><u>Games and Athletics</u> LO: To develop a broader range of skills.</p> <p>LO: To develop and understanding of how to improve in different physical activities and sports.</p> <p>LO: To learn how to evaluate and recognise their own success.</p> <p>LO: To use running, jumping, throwing and catching in isolation and in combination.</p> <p>LO: To play competitive games such as cricket or rounders.</p> <p>LO: To apply basic principles suitable for attacking and defending.</p> <p>LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p>	<p><u>Dorothy Dot Com</u> LO: To understand that some products around the home can be harmful.</p> <p>(Children to identify items in the home that can be harmful e.g., aerosols, glues and gases).</p>	<p><u>We are musicians</u> LO: To explain how digital technology contributes to making music.</p> <p>Children to explore musical sequences using 'Isle of Tune'.</p>

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Week 2 8 th Jan	<p><u>Non-fiction Information texts</u></p>	<p><u>Number and Place Value</u></p> <p>LO: To to order and compare numbers beyond 1000 and negative numbers using <, > and =.</p> <p>LO: To round any number to the nearest 10, 100 or 1000.</p> <p>LO: To solve number and practical problems.</p>	<p>LO: To identify how sounds are made, associating some of them with something vibrating.</p> <p>LO: To recognise that vibrations from sounds travel through a medium to the ear.</p>	<p><u>History</u> <u>The Romans – the Roman Legacy</u></p> <p>ote connections, contrasts and trends over time and develop the appropriate use of historical terms.</p> <p>sk and address historically valid questions about change, cause, similarity and difference and significance.</p> <p><u>DT – textiles</u> LO: To understand that joining needs to be secure and strong.</p> <p>LO: To demonstrate a variety of ways of joining fabric.</p>	<p>LO: To understand that Hinduism is a religion based on respect.</p> <p>(Children to learn about the meaning of a variety of symbols connected the faith).</p>	<p>LO: To develop a broader range of skills.</p> <p>LO: To develop and understanding of how to improve in different physical activities and sports.</p> <p>LO: To learn how to evaluate and recognise their own success.</p> <p>LO: To use running, jumping, throwing and catching in isolation and in combination.</p> <p>LO: To play competitive games such as cricket or rounders.</p> <p>LO: To apply basic principles suitable for attacking and defending.</p> <p>LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p>	<p>LO: To understand that taking drugs is illegal and dangerous.</p> <p>Children to learn about the dangers around taking illegal drugs.</p>	<p>LO: To create a simple composition using sequencing software.</p> <p>Children to create their own sequences using 'Isle of Tune'.</p>

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Week 3 15 th Jan	<u>Narrative</u>	<p>Multiplication and Division LO: To know 7 and 11 times tables.</p> <p>LO: To begin to use formal method of short multiplication.</p> <p>LO: To begin to use formal method of short division.</p> <p>LO: To solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit. LO: To use place value to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers.</p>	<p>LO: To find patterns between the pitch of a sound and features of the object that produced it.</p>	<p>History The Romans – the Roman Legacy LO: To read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.</p> <p>LO: To learn about the history of mathematics and to use Roman numerals.</p> <p>To study and use the Roman numeral system.</p> <p>know the months of the year and the number of days in each month, year and leap year.</p> <p>DT – textiles LO: To make a pattern/template with a seam allowance.</p> <p>LO: To carry out simple fabric tests and choose fabric to meet functional requirement</p>	<p>LO: To know the three main gods of Hinduism.</p> <p>(Children to learn about Brahma, Vishnu and Shiva).</p>	<p>LO: To develop a broader range of skills.</p> <p>LO: To develop and understanding of how to improve in different physical activities and sports.</p> <p>LO: To learn how to evaluate and recognise their own success.</p> <p>LO: To use running, jumping, throwing and catching in isolation and in combination.</p> <p>LO: To play competitive games such as cricket or rounders.</p> <p>LO: To apply basic principles suitable for attacking and defending.</p> <p>LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p> <p>.</p>	<p>LO: To understand that people have different beliefs and backgrounds.</p> <p>Children to learn the importance of being respectful and understanding of other people's beliefs.</p>	<p>LO: To record samples to use in sequencing software.</p> <p>Children to record music samples to use in their compositions.</p>

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Week 4 22 nd Jan	<u>Narrative</u>	<p><u>Multiplication and Division</u> LO: To solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit LO: To multiply and divide whole numbers by 10, 100.</p>	<p>LO: To find patterns between the volume of a sound and the strength of the vibrations that produced it.</p>	<p><u>History</u> <u>The Romans – the Roman Legacy</u> LO: To begin to understand the role of law and the justice system in our society.</p> <p>LO: To begin to understand the role of law and the justice system in our society.</p> <p>LO: To understand that our system of law and order is based on that created by the Romans.</p> <p><u>DT – textiles</u> LO: To produce drawings with labels to show what they intend to make and the sequence of their work.</p> <p>LO: To order the sequence of their work.</p>	<p>LO: To understand why Ganesha is important to Hindus. Children to listen to the story about the birth of Ganesha.</p>	<p>LO: To develop a broader range of skills.</p> <p>LO: To develop and understanding of how to improve in different physical activities and sports.</p> <p>LO: To learn how to evaluate and recognise their own success.</p> <p>LO: To use running, jumping, throwing and catching in isolation and in combination.</p> <p>LO: To play competitive games such as cricket or rounders.</p> <p>LO: To apply basic principles suitable for attacking and defending.</p> <p>LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p>	<p>LO: To understand the importance of getting an education. Children to compare their lives with those of children from other countries and backgrounds.</p>	<p>LO: To record samples to use in sequencing software.</p> <p>Children to record music samples to use in their compositions.</p>

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Week 5 29 th Jan	<u>Narrative</u>	<p>Measures LO: To begin to read (and apply to problem solving) labelled divisions for measure – including decimals (tenths).</p> <p>LO: To estimate, compare and calculate different measures, including money in pounds and pence.</p>	LO: To recognise that sounds get fainter as the distance from the sound source increases.	<p>History The Romans – the Roman Legacy LO: To name and locate cities of the UK.</p> <p>LO: To describe and understand key aspects of human geography including types of settlement and land use.</p> <p>LO: To name and locate Roman towns and cities in the UK and to consider why they were chosen as settlement sites.</p> <p>LO: To ask historically valid questions and construct responses based on relevant historical information.</p> <p>LO: To consider why the Romans chose certain locations for their towns and cities.</p> <p>DT – textiles LO: To construct their money container with some accuracy.</p>	<p>LO: To understand why a shrine is a special place for Hindus.</p> <p>(Children to draw their own special place and why it is special to them).</p>	<p>LO: To develop a broader range of skills.</p> <p>LO: To develop and understand of how to improve in different physical activities and sports.</p> <p>LO: To learn how to evaluate and recognise their own success.</p> <p>LO: To use running, jumping, throwing and catching in isolation and in combination.</p> <p>LO: To play competitive games such as cricket or rounders.</p> <p>LO: To apply basic principles suitable for attacking and defending.</p> <p>LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p>	LO: To be understanding of people from different backgrounds. Children to compare their home lives with the lives of others.	<p>LO: To combine samples to produce a piece of music.</p> <p>Children to edit and improve their compositions.</p>

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Week 7 19 th Feb		<p>Calculation LO: To add and subtract numbers with up to 4 digits using the column formal written method.</p> <p>LO: To cross the thousands barriers with different numbers of digits.</p> <p>LO: To estimate and use inverse operations to check answers to a calculation.</p>	<p>Electricity LO: To make careful observations.</p> <p>LO: To identify common appliances that run on electricity.</p>	<p>Geography Rainforests – saving the rainforest Understand geographical similarities and differences through the study of human geography of a region of the UK and a region within a rainforest.</p> <p>Explore the effect humans can have on their environment.</p> <p>Develop feelings of empathy towards others and to explore world concerns.</p> <p>(Learn about the destruction of the rainforest. Research the arguments for and against deforestation and make an interactive wall display to show your learning, showcase this in a class debate. Reflect on the learning and write a final poem). Learn how to save the rainforests! Investigate the link between deforestation and climate change. Create a climate change information video to raise awareness. Begin to take action and make insect animal homes, bird feeders and plant your own mini forests and gardens. Promote awareness of this important issue).</p> <p>DT Electricity</p>	<p>Hinduism LO: To understand the importance of the wedding ceremony for Hindus and how it is celebrated LO: To explain that Hindus recognise many different stages in life or 'samskars' and the beginning and ending of each stage are special occasions celebrated with festivals and ceremonies.</p>	<p>Games and Athletics LO: To develop a broader range of skills. LO: To develop and understanding of how to improve in different physical activities and sports. LO: To learn how to evaluate and recognise their own success. LO: To use running, jumping, throwing and catching in isolation and in combination. LO: To play competitive games such as cricket or rounders. LO: To apply basic principles suitable for attacking and defending. LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p>	<p>Dorothy Dot Com Making conversation LO: To know the importance of speaking and listening.</p>	<p>We are software developers. LO: To play and analyse educational games. Introduce children to the term algorithm. Children to analyse a selection of educational games.</p>

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Week 8 26 th Feb		<p>Calculation LO: To explain reasons and begin to find solutions.</p> <p>LO: To solve missing number problems involving addition and subtraction.</p> <p>LO: To solve problems which include balancing equations - numbers up to 1000.</p>	<p>LO: To set up a simple enquiry.</p> <p>LO: To construct a simple series electrical circuit, identifying and naming basic parts, including cells, wires, bulbs switches and buzzers.</p>	<p>Geography Rainforests – saving the rainforest Understand geographical similarities and differences through the study of human geography of a region of the UK and a region within a rainforest.</p> <p>Explore the effect humans can have on their environment.</p> <p>Develop feelings of empathy towards others and to explore world concerns.</p> <p>DT Electricity</p>	<p>LO: To understand the importance of the Sacred Thread ceremony for young Hindus and how this is celebrated.</p> <p>(Chn to find out about another Hindu ceremony that marks the end of being a child and the start of being an adult, called the Sacred Thread ceremony (Upanayana).</p>	<p>LO: To develop a broader range of skills.</p> <p>LO: To develop an understanding of how to improve in different physical activities and sports.</p> <p>LO: To learn how to evaluate and recognise their own success.</p> <p>LO: To use running, jumping, throwing and catching in isolation and in combination.</p> <p>LO: To play competitive games such as cricket or rounders.</p> <p>LO: To apply basic principles suitable for attacking and defending.</p> <p>LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p>	<p>What is love - LO: To understand the feelings around the subject of love.</p>	<p>LO: To build a game prototype.</p> <p>Challenge the pupils to develop a simple program in Scratch that asks a question and provides feedback depending on whether the answer is right or wrong (link with topic)</p>

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Week 9 5 th Mar		<p>Statistics LO: To solve two-step questions. [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables. LO: To draw and read line graphs. LO: To interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</p>	<p>LO: Ask relevant questions and use a scientific enquiry to answer them. LO: To construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers. LO: To recognise some common conductors and insulators, and associate metals with being good conductors.</p>	<p>Geography Rainforests – saving the rainforest Understand geographical similarities and differences through the study of human geography of a region of the UK and a region within a rainforest. Recognise that environments can change and that this can sometimes pose dangers to living things.</p> <p>DT Electricity</p>	<p>LO: Understand the importance and symbolism of the lotus flower for Hindus; Chn to learn about the meaning of the lotus flower to Hindus.</p>	<p>LO: To develop a broader range of skills. LO: To develop and understanding of how to improve in different physical activities and sports. LO: To learn how to evaluate and recognise their own success. LO: To use running, jumping, throwing and catching in isolation and in combination. LO: To play competitive games such as cricket or rounders. LO: To apply basic principles suitable for attacking and defending. LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p>	<p>My Community LO: To understand how to feel safe.</p>	<p>LO: To add in repetition and keep track. Ask the pupils to add repetition into their games, testing and debugging them to ensure they still function correctly. Ask them to add a 'game over' message when the correct number of questions has been asked</p>

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Week 10 12 th Mar		<p><u>Geometry</u> LO: To compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</p> <p>LO: To identify lines of symmetry in 2-D shapes presented in different orientations.</p> <p>LO: To identify acute and obtuse angles.</p>	<p>LO: To record findings using labelled diagrams. LO: To recognise some common conductors and insulators, and associate metals with being good conductors.</p>	<p><u>Geography</u> <u>Rainforests – saving the rainforest</u> Recognise that environments can change and that this can sometimes pose dangers to living things.</p> <p><u>DT</u> <u>Electricity</u></p>	<p>LO: To know the importance of Lord Krishna for Hindus; Children to learn about Krishna and his importance to Hindus.</p>	<p>LO: To develop a broader range of skills.</p> <p>LO: To develop an understanding of how to improve in different physical activities and sports.</p> <p>LO: To learn how to evaluate and recognise their own success.</p> <p>LO: To use running, jumping, throwing and catching in isolation and in combination.</p> <p>LO: To play competitive games such as cricket or rounders.</p> <p>LO: To apply basic principles suitable for attacking and defending.</p> <p>LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p>	<p>Looking after my health. LO: To know the importance of looking after their health.</p>	<p>LO: To work on the interface.</p> <p>Ask the pupils to work on the graphics elements of their games, focusing particularly on the sprite that asks questions, but perhaps also thinking about how other graphics might be used to measure progress in the game.</p>

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Week 11 19 th Mar		<p><u>Geometry</u> LO: To compare and order angles up to two right angles by size.</p>	<p>LO: To set up simple practical enquiries- Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery. LO: To recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.</p>	<p><u>Geography</u> <u>Rainforests – saving the rainforest</u> xplore the effect humans can have on their environment. lan and give a presentation; speak clearly to an audience. <u>DT</u> <u>Electricity</u></p>	<p>LO: To understand Hindu beliefs illustrated in Words of wisdom from a Hindu holy book Pupils are going to learn about a different Hindu holy book called the Mahabharata which was written around 900 BCE and deals with a power struggle between two royal families.</p>	<p>LO: To develop a broader range of skills. LO: To develop an understanding of how to improve in different physical activities and sports. LO: To learn how to evaluate and recognise their own success. LO: To use running, jumping, throwing and catching in isolation and in combination. LO: To play competitive games such as cricket or rounders. LO: To apply basic principles suitable for attacking and defending. LO: To take part in outdoor and adventurous activity challenges both individually and within a team.</p>	<p>Things we use in the home LO: To recognise and discuss the dangers of solvent based products around the house.</p>	<p>LO: To build in progression. Ask them to suggest ways in which they could build in additional levels or progressively increasing difficulty to their games. Demonstrate one way in which they might do this, perhaps through using a further variable to determine the size of the random numbers used in an arithmetic question, or by having another set of questions, with larger numbers, when the first level of the game is completed.</p>

