

YEAR 5 Curriculum Map – Cycle 1

Term	Science	Geography	History	PE	Art	RE	D&T	Computing	MFL	Music	PSHE
1	<p>Living Things - Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals</p>	<p>Understand and use a widening range of geographical terms Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</p> <p>Know and describe where a variety of places are in relation to physical and human features</p> <p>Understand how humans affect the environment over time</p>	<p>End of the Roman period/Anglo Saxons</p> <p>Use dates to order and place events on a timeline</p> <p>Make comparisons between aspects of periods of history and the present day: pagan gods and rituals continued today e.g. solstice at Stonehenge</p> <p>Present findings and communicate knowledge and understanding in different ways</p> <p>Give some reasons for some important historical events: investigate why the Romans left and their legacy</p>	<p>Learning Journey (Cognitive)</p> <p>I can understand ways (criteria) to judge performance and I can identify specific parts to continue to work upon.</p> <p>I can use my awareness of space and others to make good decisions</p> <p>SWIMMING Perform a surface dive</p> <p>Swim over 10m using a range of strokes accurately</p> <p>Perform a range of jumps into deep water and tread water when resurfacing</p> <p>Perform a forward somersault tucked in the water</p>	<p>End of the Roman period/Anglo Saxons: Produced work <u>inspired by:</u></p> <ul style="list-style-type: none"> Pagan god: The Green Man. <p><u>Outcome:</u></p> <ul style="list-style-type: none"> Creation of pagan god: The Green Man. (Sketching and watercolours) 	<p>Unit 3 – Why do religious books and teachings matter?</p> <p>The focus is on exploring different religious writings and how believers take meaning from them. As well as the messages conveyed through stories</p>	<p>Cooking and nutrition</p> <p>Focus on harvest and the <u>growing and storing of different crops and the rearing of livestock.</u> <u>Compare these with a present day “Eat Well Plate”</u></p> <p>-Understand about the variety of crops grown in Anglo-Saxon society and about the techniques used for harvesting them. - Plan and make Anglo-Saxon honey shortbread</p>	<p>E-safety – Review and edit our online safety rules.</p> <p>Touch typing skills</p> <p>Programming using Kodu to build a computer game – programme how characters move - programme characters to collect objects</p>	<p>Revise names of days of the week</p> <p>Learn months of the year</p> <p>Be able to say when my birthday is</p> <p>Be able to ask another child “When is your birthday?”</p>	<p>Livein’ on a Prayer - Rock Rock Anthems We Will Rock You by Queen Smoke On The Water by Deep Purple Rockin’ All Over The World by Status Quo Johnny B.Goode by Chuck Berry I Saw Her Standing There by The Beatles</p>	<p>Being Me in My World</p> <ul style="list-style-type: none"> Know how to face new challenges positively. Understand how to set personal goals. Understand the rights and responsibilities associated with being a citizen in the wider community and their country. Know how an individual’s behaviour can affect a group and the consequences of this. Understand how democracy and having a voice benefits the school community. Understand how to contribute towards the democratic process.
2	<p>Earth & Space – Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. Describe the movement of the Moon relative to the Earth. Describe the Sun, Earth and Moon as approximately spherical bodies. Use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky.</p>			<p>Learning Journey (Creative)</p> <p>I can link actions and develop sequences of movements that express my own ideas.</p> <p>I can change tactics, rules or tasks to make activities more fun or challenging</p>		<p>Key questions: How do communities show that they value special books and writings? What are the moral messages that can be found in stories from religions and beliefs?</p> <p>Key concepts/stories – compare the Bible and Qu’ran. The Night of Power The parable of the lost sheep The story of the Prodigal Son</p>		<p>E-safety– Understand the impact of online behaviour</p> <p>Touch typing skills</p> <p>Programming using Kodu to build a computer game – programme objects to move – programme a points system</p>	<p>Learn numbers to 40</p> <p>Be able to ask how many?</p> <p>Christmas</p>	<p>Classroom Jazz 1 Bossa Nova and Swing Jazz and Improvisation Desafinado by Stan Getz(Swing) Cotton Tail by Ben Webster 5 Note Swing by Ian Gray Perdido by Woody Herman</p>	<p>Celebrating Difference</p> <ul style="list-style-type: none"> Know what culture means. Know that differences in culture can sometimes be a source of conflict. Know what racism is and why it is unacceptable. Know that rumour spreading is a form of bullying on and offline. Know external forms of support in regard to bullying e.g. Childline. Know that bullying can be direct and indirect. Know how their life is different from the lives of children in the developing world.
3	<p>Properties & Change of Materials - Compare and group materials based on their properties, including hardness, solubility, transparency, conductivity and response to magnets. Recognise that some materials will dissolve in</p>	<p>Understand how humans affect the environment over time</p> <p>Know about changes to world environments over time</p> <p>Understand why people seek to manage and sustain</p>	<p>Shang Dynasty - China</p> <p>Use dates to order and place events on a timeline: place on a timeline with previously studied eras</p> <p>Understand that the type of information</p>	<p>Learning Journey (Social)</p> <p>I cooperate well with others and give helpful feedback.</p> <p>I help organise roles and responsibilities</p> <p>I can guide a small group</p>	<p>Shang Dynasty - China Produced work <u>inspired by:</u></p> <ul style="list-style-type: none"> The Great Wall of China <p><u>Outcome:</u></p> <ul style="list-style-type: none"> Drawing of the Great Wall of China showing a horizon and a 	<p>Unit 5 – Why are some journeys and places special?</p> <p>An exploration of why some people believe that some places are special and what practices and events are associated with these places.</p>	<p>Cooking and nutrition</p> <p>Explore the varied diet of <u>different ranks within the Shang hierarchy</u></p> <p>-Understand about the variety of foodstuffs available in Shang society. -Understand the graded diets within Shang society. -Understand the nutritional</p>	<p>E-safety – Understand advertising and endorsements online</p> <p>Touch typing skills. Rehearse as a</p> <p>Programming using Logo – write repetition procedures</p>	<p>Revise numbers to 40</p> <p>Describe people’s appearance</p> <p>Use adjectives to describe appearance</p>	<p>Make you feel my love Pop Ballads Make You Feel My Love by Bob Dylan So Amazing by Luther Vandross Hello by Lionel</p>	<p>Dreams and Goals</p> <ul style="list-style-type: none"> Know that they will need money to help them to achieve some of their dreams. Know about a range of jobs that are carried out by people I know. Know that different jobs pay more money than others.

	liquid to form a solution, and describe how to recover a substance from a solution. Decide how mixtures might be separated, including through filtering, sieving and evaporating. Give reasons, based on test evidence, for the particular uses of everyday materials. Demonstrate that dissolving, mixing and changes of state are reversible changes. Explain that some changes result in new materials, and that this kind of change is not usually reversible.	their environment Understand about weather patterns around the world and relate these to climate zones	available depends on the period of time studied: why might information on this era be more difficult to find than e.g. the Romans Present findings and communicate knowledge and understanding in different ways	through a task	single vanishing point. ○ Silhouette of the Great Wall of China using Pastels	Main focus is comparing Christian and Muslim practices	value of the graded Shang diet. -Plan and make savoury sweet Laksa cookies	- write nested programs – create and name procedures – create procedures using variables		Ritchie The Way You Look Tonight by Tony Bennett	<ul style="list-style-type: none"> Know the types of job they might like to do when they are older. Know that young people from different cultures may have different dreams and goals. Know that communicating with someone from a different culture means that they can learn from them and vice versa. Know ways that they can support young people in their own culture and abroad.
4 4	Animals Including Humans - Describe the changes as humans develop to old age			Learning Journey (Applying Physical) I can perform a variety of movements and skills with good body tension I can link actions together so that they flow in running, jumping and throwing activities		Key Questions: Why do some people go on pilgrimage and special journeys? Key concepts/stories: Pilgrimage, Muslim Hajj Visit a place of pilgrimage, baptism and naming ceremonies, weddings		E-safety – Understand how to protect our future selves Touch typing skills. Programming using Logo – create and name procedures – create procedures using variables	Revise colours, days of the week, months of the year Learn names of seasons Revisit birthday conversations Make comparisons	The Fresh Prince of Bel-Air Old School Hip-Hop Me Myself and I by De La Soul Ready or Not by Fugees Rapper’s Delight by The Sugarhill Gang U Can’t Touch This by M C Hammer	Healthy Me <ul style="list-style-type: none"> Know the health risks of smoking. Know how smoking tobacco affects the lungs, liver and heart. Know some of the risks linked to misusing alcohol, including antisocial behaviour. Know basic emergency procedures including the recovery position. Know how to get help in emergency situations. Know that the media, social media and celebrity culture promotes certain body types. Know the different roles food can play in people’s lives and know that people can develop eating problems / disorders related to body image pressure. Know what makes a healthy lifestyle.
5 5	Forces – Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some	Know and describe where a variety of places are in relation to physical and human features Understand why people seek to manage and sustain their environment	Industrial revolution Use dates to order and place events on a timeline Compare sources of information available for the study of different times in the past: why do we have more evidence for this era compared to Shang	Learning Journey (Health and Fitness) I can describe the basic fitness components and explain how often and how long I should exercise to be healthy. I can record and monitor how hard I am working	Industrial revolution: Produced work inspired by: ○ William Morris Outcome: ○ Recreated art in the same style.	Unit 6 – How do we make moral choices? A discussion of moral issues in their own lives and an exploration of Hindu and Christian codes of behaviour – compare and contrast		E-safety – Understand and apply copyright laws Touch typing skills Program a text-to-Morse code converter using Snap – convert text into sound - convert text into Unicode	Revise family members, pets- describe relationships with family members Playground games with simple instructions and numbers	Dancing in the Street Motown I can’t Help Myself (Sugar Pie Honey Bunch) by The Four Tops I Heard it Through the Grapevine by Marvin Gaye	Relationships <ul style="list-style-type: none"> Know that a personality is made up of many different characteristics, qualities and attributes. Know that belonging to an online community can have positive and negative consequences. Know that there are

	mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect		dynasty? Make comparisons between aspects of periods of history and the present day: Conditions in factories today compared to during the industrial revolution Present findings and communicate knowledge and understanding in different ways							Ain't No Mountain High Enough sung by Marvin Gaye and Tammi Terrell You Are the Sunshine of My Life by Stevie Wonder	rights and responsibilities in an online community or social network. <ul style="list-style-type: none"> Know that there are rights and responsibilities when playing a game online. Know that too much screen time isn't healthy. Know how to stay safe when using technology to communicate with friends.
6?				<p>Learning Journey (Personal)</p> <p>I cope well and react positively when things become difficult.</p> <p>I can persevere with a task and I can improve my performance through regular practice</p>	<p>Key questions: What are the consequences of the moral choices we make? What people and organisations help in making moral choices? How do we decide what is right and wrong?</p> <p>Key concepts/stories: Hindu festival of Navrati, moral dilemmas, Hindu female deities</p>	<p>Processes</p> <p><u>Pulley systems to lift and position a given item</u></p> <p><u>Design</u> - Use research into existing products and market research to inform the design of our own innovative pulley systems. - Create prototypes to show our ideas. <u>Make</u> - Produce step by step plans to guide us through the making of our pulley systems, which demonstrate our knowledge of different materials, tools and techniques. - Ensure that joins, holes and openings are in exactly the right place by using precise measurements. <u>Technical knowledge</u> - Apply our knowledge to build stronger and more stable and complex 3D structures for our pulley systems. <u>Evaluate</u> – Make a detailed evaluation of our pulley systems considering the views of others in order to improve our work.</p> <p>Cooking and nutrition</p> <p><u>Explore the basic diet of the working-class Victorian with a focus on local coal miners</u> -Know what foodstuffs were available to working class Victorians. -Understand the diet amongst working class Victorians. -Understand the Victorian diet -Plan a miner's pastie with a variety of ingredients for</p>	<p>E-safety – Understand how games developers make money</p> <p>Touch typing skills</p> <p>Program a text-to-Morse code converter using Snap – use the list lookup function – combine functions and procedures</p>	<p>Learn names of foods</p> <p>Express a preference for food and say why</p>	<p>Reflect, Rewind and Replay</p> <p>Classical</p> <p>The history of music, look back and consolidate your learning, learn some of the language of music Music from Compline – Traditional – Early Music Dido and Aeneas: Overture by Henry Purcell – Baroque Symphony No. 5 in C minor (allegro con brio) by Ludwig Van Beethoven – Classical Minute Waltz in D-flat by Chopin – Romantic Central Park in the Dark by Charles Edward Ives – 20th Century Clapping Music by Steve Reich – Contemporary</p>	<p>Changing Me</p> <ul style="list-style-type: none"> Know what perception means and that perceptions can be right or wrong. Know how girls' and boys' bodies change during puberty and understand the importance of looking after themselves physically and emotionally. Know that sexual intercourse can lead to conception. Know that some people need help to conceive and might use IVF. Know that becoming a teenager involves various changes and also brings growing responsibility. 	

							<p>the filling. -Make and cook a miner's pastie by making our own pastry and fillings.</p>				
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YEAR 5 Curriculum Map – Cycle 2

Term	Science	Geography	History	PE	Art	RE	DT	Computing	MFL	Music	PSHE
1	<p>Living Things - Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird Describe the life process of reproduction in some plants and animals</p>	<p>Know how rivers erode, transport and deposit materials</p> <p>Know about the physical features of coasts and begin to understand erosion and deposition</p> <p>Understand how humans affect the environment over time</p>	<p>Use dates to order and place events on a timeline</p> <p>Compare sources of information available for the study of different times in the past</p> <p>Understand that the type of information available depends on the period of time studied</p> <p>Evaluate the usefulness of a variety of sources</p> <p>Provide an account of a historical event based on more than one source</p> <p>Give some reasons for some important historical events</p>	<p>KNOWLEDGE</p> <p>Understand that muscles work in pairs to protect, support and move the body and how we can build and repair them through exercise</p> <p>Learning Journey (Cognitive)</p> <p>I can understand ways (criteria) to judge performance and I can identify specific parts to continue to work upon.</p> <p>I can use my awareness of space and others to make good decisions</p> <p>SWIMMING</p> <p>Perform a surface dive</p> <p>Swim over 10m using a range of strokes accurately</p> <p>Perform a range of jumps into deep water and tread water when resurfacing</p> <p>Perform a forward somersault tucked in the water</p>	<p>Mountains and Rivers:</p> <p><u>Produced work inspired by:</u></p> <ul style="list-style-type: none"> ○ Pointillism art by Seurat ○ Monet’s Waterlilies <p><u>Outcome:</u></p> <ul style="list-style-type: none"> ○ Pointillism art inspired by Seurat ○ Watercolour art inspired by Monet’s Waterlilies ○ Collage mountain-scapes 	<p>Unit 11 – What does it mean to belong to a religion (Islam)? What is it like to be a Muslim?</p> <p>Key questions: How do Muslims live out their beliefs in: 1 – the journey of life; 2 – festivals and practices; 3- faith communities; 4 – the wider world</p>		<p>E-safety – Review and edit our online safety rules.</p> <p>Touch typing skills</p> <p>Programming using Kodu to build a computer game – programme how characters move - programme characters to collect objects</p>	<p>Revise names of days of the week</p> <p>Learn months of the year</p> <p>Be able to say when my birthday is</p> <p>Be able to ask another child “When is your birthday?”</p>		<p>Being Me in My World</p> <ul style="list-style-type: none"> • Know how to face new challenges positively. • Understand how to set personal goals. • Understand the rights and responsibilities associated with being a citizen in the wider community and their country. • Know how an individual’s behaviour can affect a group and the consequences of this. • Understand how democracy and having a voice benefits the school community. • Understand how to contribute towards the democratic process.
2	<p>Earth & Space – Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. Describe the movement of the Moon relative to the Earth. Describe the Sun, Earth and Moon as approximately spherical bodies.</p>			<p>KNOWLEDGE</p> <p>Identify the value of sleep for our health and explain the possible side effects of lack of sleep (PSHE)</p> <p>Identify situations</p>		<p>Key concepts/stories: Muslims scientist and inventors, Shahadah, Salah, Sawm, Zakat, Hajj, Qu’ran,</p>		<p>E-safety– Understand the impact of online behaviour</p> <p>Touch typing skills</p> <p>Programming using Kodu to build a computer game – programme objects to move – programme a points</p>	<p>Revise/Learn numbers to 40</p> <p>Be able to ask how many?</p> <p>Christmas</p>		<p>Celebrating Difference</p> <ul style="list-style-type: none"> • Know what culture means. • Know that differences in culture can sometimes be a source of

	Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.			where people may need support with their mental health (PSHE) Learning Journey (Creative) I can link actions and develop sequences of movements that express my own ideas. I can change tactics, rules or tasks to make activities more fun or challenging				system			conflict. <ul style="list-style-type: none"> • Know what racism is and why it is unacceptable. • Know that rumour spreading is a form of bullying on and offline. • Know external forms of support in regard to bullying e.g. Childline. • Know that bullying can be direct and indirect. • Know how their life is different from the lives of children in the developing world.
3	Properties & Change of Materials - Compare and group materials based on their properties, including hardness, solubility, transparency, conductivity and response to magnets. Recognise that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. Decide how mixtures might be separated, including through filtering, sieving and evaporating. Give reasons, based on test evidence, for the particular uses of everyday materials. Demonstrate that dissolving, mixing and changes of state are reversible changes. Explain that some changes result in new materials, and that this kind of change is not usually reversible.	Understand how humans affect the environment over time Understand why people seek to manage and sustain their environment Identify and compare the physical and human features of a region within UK with a region within North America Understand about weather patterns around the world and relate these to climate zones	Use dates to order and place events on a timeline Compare sources of information available for the study of different times in the past Understand that the type of information available depends on the period of time studied Evaluate the usefulness of a variety of sources Provide an account of a historical event based on more than one source Give some reasons for some important historical events	KNOWLEDGE Understand how our bodies change as we get older and how this affects sporting performance Learning Journey (Social) I cooperate well with others and give helpful feedback. I help organise roles and responsibilities I can guide a small group through a task	The Mayan: Produced work inspired by: <ul style="list-style-type: none"> o Mayan Temple. o Clay God figurines o Mayan Headdress Outcome: <ul style="list-style-type: none"> o Sketch of Mayan Temple using ratio and repeated patterns o Hand-made Clay God figurines o Hand-made Mayan Headdress 	Unit 4 – What does it mean to belong to a religion (Christianity) Key questions: How do Christians live out their beliefs in: 1 – the journey of life; 2 – festivals and practices; 3- faith communities; 4 – the wider world		E-safety – Understand advertising and endorsements online Touch typing skills. Rehearse as a Programming using Logo – write repetition procedures - write nested programs – create and name procedures – create procedures using variables	Revise numbers to 40 Describe people's appearance Use adjectives to describe appearance	Dreams and Goals <ul style="list-style-type: none"> • Know that they will need money to help them to achieve some of their dreams. • Know about a range of jobs that are carried out by people I know. • Know that different jobs pay more money than others. • Know the types of job they might like to do when they are older. • Know that young people from different cultures may have different dreams and goals. • Know that communicating with someone from a different culture means that they can learn from them and vice versa. • Know ways that they can support young people in their own culture and abroad. 	

4	<p>Animals Including Humans - Describe the changes as humans develop to old age</p>			<p>KNOWLEDGE</p> <p>Begin to work out the amount of exercise needed to burn off food (by using up calories)</p> <p>Learning Journey (Applying Physical)</p> <p>I can perform a variety of movements and skills with good body tension I can link actions together so that they flow in running, jumping and throwing activities</p>		<p>Key concepts/stories: Community, symbols, Holy week/Easter, different denominations,</p>		<p>E-safety – Understand how to protect our future selves</p> <p>Touch typing skills.</p> <p>Programming using Logo – create and name procedures – create procedures using variables</p>	<p>Revise colours, days of the week, months of the year</p> <p>Learn names of seasons</p> <p>Revisit birthday conversations</p> <p>Make comparisons</p>	<p>Healthy Me</p> <ul style="list-style-type: none"> • Know the health risks of smoking. • Know how smoking tobacco affects the lungs, liver and heart. • Know some of the risks linked to misusing alcohol, including antisocial behaviour. • Know basic emergency procedures including the recovery position. • Know how to get help in emergency situations. • Know that the media, social media and celebrity culture promotes certain body types. • Know the different roles food can play in people’s lives and know that people can develop eating problems / disorders related to body image pressure. • Know what makes a healthy lifestyle.
5	<p>Forces – Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object Identify the effects of air resistance, water resistance and friction, that act between moving surfaces Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect</p>	<p>Compare sources of information available for the study of different times in the past</p> <p>Make comparisons between aspects of periods of history and the present day</p> <p>Present findings and communicate knowledge and understanding in different ways</p> <p>Give some reasons for some important historical events</p>	<p>KNOWLEDGE</p> <p>Begin to reflect on mistakes and see them as an opportunity to learn from</p> <p>Learning Journey (Health and Fitness)</p> <p>I can describe the basic fitness components and explain how often and how long I should exercise to be healthy.</p> <p>I can record and monitor how hard I am working</p>	<p>Crime and Punishment: Produced work inspired by:</p> <ul style="list-style-type: none"> o ‘Crime & Punishment’ collection by Peter Saul. <p>Outcome:</p> <ul style="list-style-type: none"> o Charcoal on white paper / repeated image o Chalk on black paper. o Create own work (various mediums including collage) inspired by Peter Saul 	<p>Unit 8 – What do people believe about life? Questions and Mysteries</p> <p>The feelings people experience under the pressure of change, including birth, death, moving home, natural disasters.</p> <p>Key questions: What answers might be given by ourselves and religions to questions about: 1 – the origin and meaning of life; 2- our place in society and the natural world; 3- the existence or not of God; 4- the experience of suffering; 5- life after death.</p>			<p>E-safety – Understand and apply copyright laws</p> <p>Touch typing skills</p> <p>Program a text-to-Morse code converter using Snap – convert text into sound - convert text into Unicode</p>	<p>Revise family members, pets- describe relationships with family members</p> <p>Playground games with simple instructions and numbers</p>	<p>Relationships</p> <ul style="list-style-type: none"> • Know that a personality is made up of many different characteristics, qualities and attributes. • Know that belonging to an online community can have positive and negative consequences. • Know that there are rights and responsibilities in an online community or social network. • Know that there are rights and responsibilities when playing a game online.

											<ul style="list-style-type: none"> • Know that too much screen time isn't healthy. • Know how to stay safe when using technology to communicate with friends.
6				<p>KNOWLEDGE</p> <p>Explain how confidence can affect performance</p> <p>Learning Journey (Personal)</p> <p>I cope well and react positively when things become difficult.</p> <p>I can persevere with a task and I can improve my performance through regular practice</p>		<p>Key concepts/stories: Christianity and Buddhism, the life of Buddha, Zacchaeus and Jesus, the Buddhist wheel of life, Kisa Gotami and the Buddha</p>		<p>E-safety – Understand how games developers make money</p> <p>Touch typing skills</p> <p>Program a text-to-Morse code converter using Snap</p> <ul style="list-style-type: none"> – use the list lookup function – combine functions and procedures 	<p>Learn names of foods</p> <p>Express a preference for food and say why</p>		<p>Changing Me</p> <ul style="list-style-type: none"> • Know what perception means and that perceptions can be right or wrong. • Know how girls' and boys' bodies change during puberty and understand the importance of looking after themselves physically and emotionally. • Know that sexual intercourse can lead to conception. • Know that some people need help to conceive and might use IVF. • Know that becoming a teenager involves various changes and also brings growing responsibility.