Year 4 Curriculum Map

Date	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topic	**Romans**	**Incredible Insides**	**Rainforests**	**Electricity**	**Potions**	**Egyptians**
Special events	Roman Activities Bird Boat Trip at Poole Harbour			Avon Tyrrell Residential	Water wise visitor Mad Science workshop	Leaver Assembly and Party
English	Narrative – Escape from Pompeii by Christina Balit Setting description – Journey by Aaron Becker	Persuasive letter - seasonal foods Narrative – Land of Roar by Jenny McLachlan	Story opening – The Great Kapok Tree by Lynne Cherry Information text - Rainforest animal	Resolution and ending – Little Red Riding Hood	Narrative – The Witches by Roald Dahl Information text - Water	Narrative Poems
Maths	Place Value Addition and Subtraction Roman Numerals	Multiplication and Division Area	Further Multiplication and Division Length and Perimeter Fractions	Fractions Decimals	Decimals Money Time	Shape Position and Direction
Science		<u>Digestive System and Teeth</u> 1. The main body parts associated with the digestive system are: mouth – food is chewed into smaller pieces and mixed with saliva to make it softer tongue – moves food around the mouth and pushes it to the back of the throat to be swallowed teeth – break food into smaller pieces to make it easier to be swallowed stomach – produces a strong acid to kill any microorganisms and produces enzymes to help break down the food so it can be absorbed by the body	<u>Animals and living things</u> 1. Food chains show how energy moves from one living organism to another 2. Arrows on a food chain show the direction of energy flow 3. Food chains begin with the sun, then a plant 4. Humans positively and negatively impact on the environment	<u>Electricity</u> 1. Appliances run on electricity 2. Electricity can flow through components in a complete circuit 3. Circuits must have a power source 4. Metals are good conductors of electricity	<u>States of Matter</u> 1. Materials are either solids, liquids or gases 2. Materials can change state when they are heated or cooled 3. Water is a liquid – at 0°c, it freezes to Ice which is solid and at 100°c degrees it boils to become steam which is a gas	<u>Sound</u> 1. Sounds are made by vibrations that travel to the ear 2. The further away from the ear that the sound is made, the fainter sound is heard
Outdoor Learning	Termly sessions to be taught based on cross-curricular and seasonal links					
Computing and Online safety	Personal information should not be shared with anyone Cyber-bullying is using the internet to bully another person. Cyber bullying should be reported.	Information on the internet may be unreliable Information should be verified by cross checking with other websites	All action are undone or redone in the order they were created A screen capture tool allows an area of the screen to be copied and pasted into an application	Specific code leads to a specific outcome	A spreadsheet is used to hold and manipulate data Cells are arranged in columns and rows	Layout and format should be selected for clarity of information
History	<u>The Romans</u> The Romans lived in Europe They wanted to spread the Roman Empire The Romans tried to invade Britain under Julius Caesar's reign Many Celts realised how powerful the Roman Army was and agreed to obey Roman laws and pay taxes. Other tribes of Celts continued to fight against the Romans who never gained full control of Britain Boudicca (The Warrior Queen) led her army against the Romans. She was defeated. The Romans brought many modern inventions to improve living in the UK					<u>Ancient Egyptians</u> The Ancient Egyptians began around 5000 years ago and spanned 3000 years ago Hieroglyphics were used to keep records They built pyramids or underground tombs for the most important people in their society including Pharaohs The Egyptians believed in the Afterlife where they would become immortal They put their possessions in their tombs: food, drink, clothes, jewellery, and furniture The Nile was essential for all aspects of civilisation eg. farming, transport, building pyramids etc Historians question how reliable and useful evidence is
Geography	<u>The Romans</u> The Romans changed Britain by building brick and stone buildings and by paving straight roads Name and locate Hadrian's Wall on a map of the UK Name and locate three Roman cities on a map of the UK (Dorchester, Chester, Winchester) <u>Poole Harbour</u>		<u>Rainforests</u> 1. Most of the Amazon rainforest is located in Brazil in the South American continent 2.Tropical rainforests are hot and wet all year round and home to over half the animals and plants on the planet 3.Humans have had a negative impact on the rainforest 4.Locate 4 rainforests on a world map using an atlas		<u>The Water Cycle</u> That the different stages of the water cycle are condensation, collection, precipitation,evaporation	

	Poole Harbour is a large natural harbour with the town of Poole on its shores Many people can work at a harbor Harbours are used when people travel A tourist resort attracts visitors for relaxation and recreation providing tourist services – hotels, restaurants, souvenir shop		referencing the equator and tropics 5.Know that there are 4 layers of the rainforest with different habitats. 6.Imaginary lines are used to locate how far north or south a place is – lines of latitude (Parallel to the equator) 7.Imaginary lines are used to locate how far east or west a place is – lines of longitude (from top to bottom)			
Art	Mosaics Clay Sculpture		Hatching and cross-hatching are techniques to add texture to a picture or design Any final work of art usually begins with observational drawings (photo, object or place)	Different types of paint create different effects according to their properties	Colours and shade are used in paintings to create mood and effect Pablo Picasso was an artist and sculpture	
DT		<u>Cooking and nutrition</u> •There are many techniques for preparing/cooking vegetables •Food goes through various processes from being grown, reared or caught to reaching our table •The better the research the better informed the design criteria will be •Design criteria is needed to make a product that matches the design brief •The bridge and claw grips are a safe way to cut		<u>Electricity</u> •The better the research the better informed the design criteria will be •Design criteria is needed to make a product that matches the design brief •Simple electrical circuits and components can be used to create functional products •Materials chosen should be suitable for what the product needs to do or how it needs to look (function and aesthetics) •To ensure a product works, some aspects of making need to be planned before others •Referring to design criteria during the making stages helps to evaluate progress and make changes where necessary		
RE	<u>Buddhism</u> •The Buddhism tradition started in India over 2000 years ago. •Enlightened means someone who truly understands. •Siddhartha Gautama is the founder of Buddhism. •Once he found enlightenment, he became known as the Buddha •The Buddha helps them understand life, suffering and how to live their lives.	<u>Christianity</u> Symbols and Christmas today • Angels as messengers of God, show that Jesus was a special gift sent by God. • The star guided the wisemen just as Jesus is the light that guides people to God. • The wise men were rich and the shepherds were poor: which symbolises that Jesus was a gift to everyone.	<u>Islam</u> • A pilgrimage is a long journey, where a person goes in search of understanding or to show their devotion to a god or gods • The journey to Mecca is a pilgrimage called the Hajj.	<u>Christianity</u> Forgiveness • Jesus forgave those who betrayed him. • Jesus said "Christians need to forgive each other as often as needed" • Many Christians pray to God in their own times of need, (Like Jesus did before his Crucifixion)	Christianity Prayer and worship • Some Christians choose to go to church. Children can give a reason e.g. they feel closer to God, to learn about Jesus' teachings, to feel a sense of belonging. • Some Christians do not go to church but still show their faith eg. Praying, following the ten commandments, reading the bible. • Many Christians think baptism is important.	<u>Reflections in RE</u> •I can describe the feelings I associate with a special place. •There are many people suffering in the world.
PSHE	<u>Being Me in My World</u> • Positive and negative individual feelings and behaviours can have an impact on the whole class • Democracy means decisions being made jointly with everyone's opinion being considered and how this benefits the school community e.g. student vote, school council • Individual contributions can all help to achieve something as a team	<u>Celebrating difference</u> • Everyone has the right to be comfortable with the way they look • It is unacceptable to treat others differently because of the way they look • Bullying is not always visible	<u>Dreams and goals</u> •Sometimes hopes and dreams do not come true and this may lead to us feeling upset and disappointed •It is important to reflect on positive and happy experiences to counteract disappointment •People who are resilient can recover more quickly when disappointed or faced with difficulties	<u>Healthy me</u> •Smoking is unhealthy because it affects our hearts, lungs and can make us feel anxious •Drinking alcohol too often can affect our livers and can make people feel anxious •It is important to visit the dentist and clean our teeth properly twice a day	<u>Relationships</u> Talking about times when people have struggled with relationships may help people feel better (e.g. jealousy, bereavement, conflict and loneliness)	<u>Changing me</u> 1. Friendships can change (sometimes due to conflict) and new friendships can be made throughout your life 2. You should always tell someone to stop doing or saying something if it makes you feel uncomfortable 3. A girl will start having periods (menstruation) between the age of 10 and 15 which is in preparation for having babies in later life
PE	Gymnastics Netball - Bridges	Tennis Netball	Tag Rugby Gymnastics – Levels and Direction	Tag Rugby Football skills (invaders)	Athletics: Throwing and Jumping	Athletics: Throwing and Jumping
French		Questions, answers and sentence building. Further adjectives e.g. blanc, brun, noir, Masculine nouns e.g. un âne, un avion Feminine nouns e.g. une abeille, une araignée,		Adjectives that precede the noun e.g. Petit, grand Sentence starters e.g. Chez moi Dans ma chambre Dans mon placard Verbs e.g. danser, sauter, voler, nager Months		Questions and answers e.g. Quelle est la date aujourd'hui? Qui + verb Towns in France Months/Days Numbers -30
Music	**<u>Create and Notate</u>** 1. Copy and improvise short melodic phrases.	**<u>Singing and Traditions</u>** 1. Sing a 2-part song as a duet or melody with accurate pitching and accompaniment.	**<u>Recycling Songs</u>** 1. Compose and perform an original song about plastic pollution using researched	**<u>Exploring Musical Contrast</u>** 1. Develop instrumental and ensemble skills by performing vocal and instrumental parts	**<u>FX Sound Effects</u>** 1. Use sound effects to enhance the drama and realism of a film clip.	**<u>Round & Round</u>** 1. Develop ensemble and vocal skills by performing rounds and songs with

	2. Compose a short, structured piece using a D minor scale in Music Explorer	2. Understand contrasting traditions and stories.	facts, with clear lyrics, rhythm, and expressive dynamics. 2. Collaborate in groups to create a structured song and confidently record and present the performance using digital tools	with control of pitch, rhythm, dynamics, and contrasts, such as staccato and legato, as well as crescendo and decrescendo. 2. Compose and interpret musical ideas by improvising and layering parts that convey emotion and maintain ensemble cohesion.	2. Begin to make compositional decisions, considering mood, timing, and narrative impact.	accurate pitch, rhythm, and expressive dynamics. 2. Perform songs confidently in a school assembly, demonstrating their ability to work together as a class and to perform musically through effective performance techniques