



Year 4 Long Term Map Foundation Subjects and Science

	Autumn – Stronger Together	Spring – Are we Inventors?	Summer – Key to Happiness
Science	<p><u>Living things</u></p> <p>In our first science topic of year 4, we will have an opportunity to get outside and to explore our school grounds and to identify the different habitats that our local wildlife use.</p> <p><u>Teeth and eating</u></p> <p>We will begin by looking at our own teeth and start to identify what types of teeth humans have and the jobs they do based on our own experiences. We will learn about food chains e.g. predators, prey, producers and the role each organism plays. Finally, we will learn about the human digestive system through a practical and slightly gross demonstration.</p>	<p><u>States of matter</u></p> <p>In this exciting topic, we will compare and group materials as solids liquids and gases. We will observe changes in state during lots of investigations and practical learning. Finally, we will learn about the water cycle and make links to the real-world. The spring term is perfect for learning about rain, rain and more rain!</p>	<p><u>Electricity</u></p> <p>We will start by identifying common appliances in school and at home and move on to constructing a simple series electrical circuit. We will learn the names of components e.g. bulb, buzzer, battery, wire, cells, switch and motor and work collaboratively to investigate bulb brightness. We will learn about conductors and insulators and how to make a switch turn off and on. We will also make a link with DT as we will work on a project involving electrical systems.</p> <p><u>Sound</u></p> <p>In this final science topic of the year, we will identify how sounds are made through exploration of vibrations, pitch and volume. We will also have fun investigating how distance affects sound.</p>
Geography	<p><u>Understanding Greece</u></p> <p>We will look at where Greece is on a map, including our continent and countries knowledge. We will look at the physical features, land borders, seas and mountains of Greece and look at different types of settlements. We will also look at different land uses, culture and compare Greece to England.</p>	<p><u>Italy</u></p> <p>We will move on to study Italy and compare it to England and compare Rome to Leicester to make it more relevant to the children. We will also continue our map skills and locate Italy and Rome on different maps. We will have a look at the differences between aerial and satellite images and use evidence to draw conclusions.</p>	<p><u>Scandinavia</u></p> <p>In our final term in Year 4 we will look at Scandinavia including using maps, looking at human and physical features and looking at why it is considered one of the happiest places in the world. We will look at different cultures and beliefs before comparing it to England.</p>
History	<p><u>Ancient Greece</u></p> <p>We start our Year 4 History learning looking at the Ancient Greeks. We will first look at a time line and link it to our year 3 learning before moving on to study what daily life would have been like in these times. We will look at what history says about slaves and look at primary and secondary sources to compare life to how we now know it.</p>	<p><u>Romans and Celts</u></p> <p>We move on from ancient Greece to look at the Romans and the Celts and what sources say about what life was like in these times. We will explore homes, lifestyles and look at some of the invasions. We will then look at some of the inventions from these times that we still use today.</p>	<p><u>Vikings and Anglo-Saxons</u></p> <p>In our final history topic, we move to the Dark ages and explore the Anglo-Saxons and the Vikings. We look at how they lived, their houses and their conflicts. We will also look at some famous rulers from these times.</p>
Computing	<p><u>Internet safety</u></p> <p>We start the year with a very important topic where we will learn how to communicate safely and how to act responsibly whilst using the Internet. We will look at possible dangers and know how to reports concerns. We will also learn about confidentiality and how to stay safe.</p>	<p><u>Programming.</u></p> <p>In spring we look at how to use Logo – a programming site to design shapes and patterns.</p>	<p><u>Photo Editing.</u></p> <p>We learn how to edit photos and how to recognise photos that have been edited.</p>



The Merton Primary School
To be the best we can be.

Year 4 Long Term Map Foundation Subjects and Science

	Autumn	Spring	Summer
DT	<u>Pneumatics.</u> We will look at the fascinating world of pneumatics and design and make our own toy.	<u>Nets</u> We will use our commuter skills to design and make 3d boxes as gifts to people who we care about. We will make a difference to someone's life by giving them a gift that we have made.	<u>Worry Monsters</u> In Summer, we will make our own worry monsters to go with our theme the 'Key to Happiness'. We will work with our friends and families in school to design and make these items and then gift them to someone to help them.
RE	<u>Judaism, Hinduism and Christianity.</u> We begin our year 4 RE journey looking at 3 of the big religions. We will look at the creation story from all 3 religions and some of the important festivals. We will compare the different religions and look at similarities and differences.	<u>Sikhism and Christianity.</u> We will continue our study of the creation stories and festivals of Sikhism and compare it to the Christian story.	<u>Islam, Buddhism and Humanism.</u> We will end our year 4 journey looking at Islam and Buddhism before we take a brief look into Humanism. We will continue to look at festivals and the beginnings of these religions.
PE	<u>Dance, Fundamental skills, gymnastics and football.</u> We will learn the basics and tactics of these skills and develop our skills.	<u>Netball, outdoor adventures, handball and tag rugby.</u> We will learn the basics and tactics of these skills and develop our skills.	<u>Tennis, Golf, Athletics and Rounders.</u> We will learn the basics and tactics of these skills and develop our skills.
Music	<u>Merton Music Journey</u> This year we will have an amazing opportunity to be taught by a specialist Percussion teacher from Leicestershire Schools Music Services.	<u>Merton Music Journey</u> We continue to develop our percussion skills through specialized teaching and a range of hands on experiences.	<u>Merton Music Journey</u> This term is mainly about pitch through learning to play the glockenspiel and to perform as part of a group.
PSHR	<u>Being Me and My world and Celebrating Differences.</u> In PSHE we will look at what it means to be me, rights, responsibilities, rewards and consequences. We will also look at celebrating differences and asavoiding negative influences.	<u>Dreams and Goals and Healthy Me</u> We will look at hopes, dreams and goals and how important these are as well as looking at identifying our own and others contributions. We will then look at ways to stay healthy and what smoking and alcohol can do to your body and mind and what healthy friendships look like.	<u>Relationships and Changing Me</u> We will continue looking at relationships with a focus on friendships and helping the children understand compromise and getting along. Our final until will be looking at having a baby, puberty and accepting and understanding changes.