



During this half term our enquiry is:

How can our choices and actions contribute to a healthier planet?

This unit is about the impact humans have on the wider world. The children will learn that small changes can have a large impact on the world and its sustainability. Throughout this enquiry, the children will learn about their responsibility to other people around the world and to those who are not born yet but who will inherit the Earth from us in the future. They will consider the simple changes they could make in school that could positively impact on the future of the planet. The children will further develop their study of human geography, considering the distribution and production of resources that we use in everyday life and school and the impact this can have on the environment and global warming. The children will compare and contrast the advantages and disadvantages of linear and circular economies, considering how we, as a school, could follow the principals of a circular economy to be more self-sufficient and reduce our impact on the wider world. This enquiry will also allow children to use fieldwork to explore and map our school ground as well as linking it with Science knowledge around plants. Children will step into the role of ‘surveyor’ and take part in activities that will encourage them to think critically about how our school grounds currently encourage and support sustainability. They will explore and map existing features then suggest ways in which they can be improved in order to support the idea of becoming self-sufficient.

The children will also study key activists for climate change such as: Sir David Attenborough, Greta Thunberg.

“Young people are the future of our planet. We must equip them with the information, insight and practical skills to understand the importance of biodiversity – both intrinsically and for the survival of humanity. Educators have a key role to play in preparing young people for the challenges that lie ahead. There can be no greater legacy than giving young people the tools they need to save our planet.” Sir David Attenborough.

Read through the attached knowledge organiser with your child and check they understand the content. You could ask them to explain it to you – ‘teaching’ you helps them to reinforce their own learning. Quiz facts out of order to check children really know the fact and have not just memorised the order on the page! Follow their own lines of enquiry and questions to discover even more!

Vocab: interdependence, sustainability, future, economy, responsibility, resources, dispose, biodiversity, global warming, carbon footprint, consumption, ethical, renewable energy, non-renewable energy, eco systems.

Subject	Activities / areas to be covered in school	Possible learning at home
English	<p>In English, we will be reading ‘The Man Who Walked Between the Towers’, where we will learn about the World Trade Centre, and Philippe Petit, who completed a tightrope-walk between the Twin Towers. Using this text, we will be writing letters of advice, putting ourselves in the role of Philippe to write a recount of his famous feat and practising our questioning skills when interviewing characters who were at the scene!</p> <p>Following on from Philippe Petit, we will be finding out more about Greta Thunberg and writing our very own persuasive speeches.</p>	<p>Explore new vocabulary that appears in books and daily life around you. Can you link any words using their root words or similar words you already know?</p> <p>A root word is a basic word with no <u>prefix</u> or <u>suffix</u> added to it (a <u>prefix</u> is a string of letters that go at the start of a word; a <u>suffix</u> is a string of letters that go at the end of a word). By adding prefixes and suffixes to a root word we can change its meaning.</p> <p>Have you read any books where characters learn a valuable life lesson or are faced with a dilemma?</p>

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Maths	<p>In Maths, we will be using our understanding of fractions to support our learning with decimals. This will involve being able to read, write, order and round decimals. As well as this, we will be adding and subtracting a variety of decimals with a differing number of decimal places. We will also be making links between number bonds to 10, 100 and 1000 with decimals that total to one whole. This will support our learning when we begin to find equivalence between decimals, fractions and percentages. We will also be continuing arithmetic lessons to build confidence and efficiency across a range of calculations.</p>	<p>Regular times table practise will support children with their learning.</p> <p>Finding and recognising decimals in everyday life.</p> <p>Have a go at some of the decimal games on the website 'Top Marks'. Make sure they are for ages 7 - 11 years old!</p> <p>https://www.topmarks.co.uk/Search.aspx?q=decimal</p>
Science	<p>Please see the attached knowledge organiser.</p>	
Physical Education	<p>This half term, Class 9 will continue to go swimming on a Thursday afternoon at the Dolphin Centre and Class 10 will take part in Gymnastics on a Thursday pm.</p> <p>Outdoor PE for both classes will be on a Wednesday afternoon, and this term outdoor PE is football. As the outdoor temperatures are still variable at this time of the year, please ensure that your child has weather appropriate kit. For school PE sessions, the children will need to arrive to school in their school PE kit for these days only, unless they are informed of any changes to the timetable.</p>	<p>Watch a game of football on TV. What do you notice about the positions? How do the players work together as a team?</p>
PSHCE	<p>In PSHE this half term, we will be exploring the question 'How can friends communicate safely?' It is important we recognise that when we communicate with others there are risks involved if we are not careful. Building relationships with others can lead to amazing outcomes, however, they need to be nurtured along the way. With the increase of making online friends, we will look at what you should look out for to keep yourself safe online.</p> <p>It is key we look out for our friends and family and teach children what is right and wrong when communicating with one another.</p>	<p>What can your child tell you about safe communication online? This was the theme of Internet Safety day last half term and has been discussed with all children across the academy.</p> <p>How many ways do you communicate with your friends?</p> <p>As we are exploring online relationships, have a look with an adult at home at the privacy settings you have set on the apps you use. Do you know the correct age ratings for the platforms you use?</p>

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Art	In Art, children will be introduced to the discipline of architecture. Pupils will be introduced to a point for discussion and design. Should architects design big, beautiful buildings or should they design small homes, to serve the environment? They will then work in sketchbooks, drawing small and big buildings, then using materials to create 3D models.	Research into some building that have interesting and unusual architecture. Design your own building or your perfect home. Turn your design into a 3D model using recycled materials. Take some photos – We would love to see them!						
Computing	This unit allows children to explore the world of data. We will look at how a flat-file database can be used to organise data in records. Children will use tools within a database to order and answer questions about data. They will create graphs and charts from their data to help solve problems. They will also use a real-life database to answer a question and present their work to others.	Do you have a job that links to data usage? It would be a great link to our career curriculum if you could discuss how data is used in your role!						
Geography	In Geography, we are going to consider how our school could make changes to help us become a more sustainable organisation. We will be studying the work of David Attenborough and Greta Thunberg to help us understand some of the problems our planet is facing and why it is important that we begin to make changes, no matter how small, to help make a difference. Children will look at the current resources we have in our school and where we can make these changes.	Have you ever watched Perfect Planet? Try and find some episodes on BBC I-player to help you understand some of the issues. I wonder if you have heard of Greta Thunberg? Maybe you could conduct some research at home to find out a little more about her.						
Music	This half term in Music we will be focusing on looping and mixing. The children will perform a looped body percussion rhythm; keeping in time with their group. They will also use loops to create a whole piece of music, ensuring that the different aspects of music work together. Once they have done this, the children will use body percussion and instruments to play the first section of 'Somewhere Over the Rainbow'. They will choose a suitable fragment of music and be able to play it along to the backbeat and perform a piece with some structure and two different loops.	Listen to music of your choice and use your body as percussion. Listen to the song 'Somewhere Over the Rainbow'. What instruments can you hear? Below is our school listening music for this half term. Have a listen, enjoy the music and if you are interested, find out more about the artists. <table border="1" data-bbox="1155 1230 2123 1369"> <tr> <td data-bbox="1155 1230 1317 1369">Celine Dion Medley</td> <td data-bbox="1317 1230 1478 1369">Wolfgang Amadeus Mozart Queen of the Night</td> <td data-bbox="1478 1230 1639 1369">Les Misérables One Day More</td> <td data-bbox="1639 1230 1800 1369">Oasis Wonderwall</td> <td data-bbox="1800 1230 1962 1369">Nat King Cole Unforgettable</td> <td data-bbox="1962 1230 2123 1369">Take That Rule the World</td> </tr> </table>	Celine Dion Medley	Wolfgang Amadeus Mozart Queen of the Night	Les Misérables One Day More	Oasis Wonderwall	Nat King Cole Unforgettable	Take That Rule the World
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French	This half term in French we will be learning all about pets. The children will learn how to repeat, recognise and attempt to spell the 8 nouns for pets as well as have a conversation with others about whether they have	Practise using this link https://www.bbc.co.uk/bitesize/articles/z78wjhv						

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	a pet and what the name of their pet is. They will also attempt to make sentences longer by using conjunctions such as 'but' and 'and' in French.	Find some songs online to help you learn about pets in French. Even better...write your own!
RE	<p>This half term, the children will explore the enquiry question: 'What does it mean to be a Muslim in Britain today?'</p> <p>The children will learn about the different religious and spiritual ways of life about being a follower of the Muslim religion. Pupils will explore the five pillars of Islam and the importance of these to Muslim believers. Pupils will also gain a greater understanding of Islam and what we can learn from its beliefs, values and ideas. This investigation provides an opportunity to learn about the Qur'an and other forms of religious guidance.</p>	<p>What do you know about the Islam faith?</p> <p>Watch this video and read the information to gain some further knowledge before we begin our RE unit this half term:</p> <p>https://www.bbc.co.uk/bitesize/topics/zpdtbkb/articles/zrxxgwx</p>