

During this half term our enquiry is:

## How easy would it be to become a self-sufficient school?

This topic 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. In this topic, 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 topic will also allow children to use fieldwork to explore and map our school grounds. 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 and sustainable living companies, such as: Sir David Attenborough, Greta Thunberg and Sprout.

*"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.

This topic links to children's future learning in Year 5 about Earth and Space, developing their understanding of 'the greenhouse effect' and global warming. In years 2 and 4, the children have also learnt about where their food comes from and calculated food miles as part of their geography work, considering the impact on the environment and ways in which 'shopping local' can positively impact their carbon footprint. West Park Academy also holds Green Flag Eco status and some of the children participate in Eco Warriors Club and all children have participated in Eco Warrior assemblies throughout their time in school.

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

Key People: Sir David Attenborough, Greta Thunberg.

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 refreshing our knowledge of punctuating speech.</p> <p>Following on from Philippe Petit, we will complete a unit of visual literacy using the clip 'El Caminante'. We will be writing our own narrative based upon this and using our knowledge of Philippe Petit to support us.</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><b>A root word</b> is a basic word with no <u>prefix</u> or <u>suffix</u> added to it (a prefix is a string of letters that go at the start of a word; a suffix 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? All of the texts we are going to study this half term follow this theme.</p>
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><a href="https://www.topmarks.co.uk/Search.aspx?q=decimal">https://www.topmarks.co.uk/Search.aspx?q=decimal</a></p>
Science	Please see the attached knowledge organiser.	
Physical Education	<p>This half term, Class 9 and Class 10 will be taking part in outdoor PE and gymnastics.</p> <p>On a Tuesday afternoon, all of year 5 will take part in indoor PE with their class teacher. We will be doing a unit of gymnastics this half term.</p>	

	On a Friday afternoon, all of year 5 will take part in outdoor PE with Mrs Dresser. This unit will be football. Please make sure you have appropriate outdoor kit. 😊	
PSHCE	<p>In PSHCE 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>
Art	<p>This term we will be looking at an art unit called, ‘The Geometry of Chickens.’ This will involve looking closely at images (in this case chickens) and noticing how the image can be simplified into 2D shapes to help draw in accurate proportions.</p> <p>Children will then use their understanding of this to transfer an image onto large piece of paper using pencil and charcoal.</p>	<p>Children to take photographs or observe different everyday objects. Can they identify simple shapes in their own images?</p> <p>Which ones will help you to draw your own larger versions?</p> <p>We used charcoal last half term as part of our set design unit. What can you remember about the effect it gives?</p>
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!

## Year 5

## Spring 2 Overview



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 both classes will continue to practise the recorder. We will have the opportunity to learn and perform more notes and to different tempos.	Playing an instrument requires excellent listening and rhythm! There are lots of videos which can help children to practise this. Here is one to get you started: <a href="https://www.youtube.com/watch?v=jYkTOhGTYJM">https://www.youtube.com/watch?v=jYkTOhGTYJM</a>
French	This half term in French, we will begin the unit “En Classe”. Children will learn 11 classroom objects (noun and article) with a variety of speaking, listening and written tasks (including crosswords, word puzzles and snap cards). There will be extended, longer writing, reading and listening tasks all working towards the final activity of interviewing others in class using a survey on what they have and do not have in their pencil case. We will also learn to follow some simple classroom commands.	<a href="https://www.youtube.com/watch?v=zsW1V9FfwjU">https://www.youtube.com/watch?v=zsW1V9FfwjU</a>  Watch this video to be introduced to some of the nouns we will learn this half term 😊
RE	This half term, the children will explore the enquiry question: ‘What does it mean to be a Muslim in Britain today?’ 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.	What do you know about the Islam faith?  Watch this video and read the information to gain some further knowledge before we begin our RE unit this half term: <a href="https://www.bbc.co.uk/bitesize/topics/zpdtbkb/articles/zrxxgwx">https://www.bbc.co.uk/bitesize/topics/zpdtbkb/articles/zrxxgwx</a>