

The Black Pear Trust – SYNOPSIS PLANNER – YEAR 5

	Autumn 1		Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<u>This is me</u>	<u>My time, my place</u>		<u>Around the world</u>	<u>Those that came before</u>		<u>Be the Change (incl Social Enterprise)</u>
Science	Animals including humans We will develop an understanding of how the human body changes and the different gestation periods animals have.	Living things and their habitats We will describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. We will describe the life process of reproduction in some plants and animals		Earth & Space We will learn about the Earth's rotation to explain day and night and understand the movement of the Earth and other planets in the solar system.	Forces We will learn about gravity, the effects of air resistance, water resistance and friction and the act between moving services. We will also explore mechanisms including levers, pulleys and gears.	Properties & changes of Materials We will explore a range of solids, liquids and gasses. We will identify their properties, learn how they can change from one state to another and explore reversible and irreversible changes.	
History		Roman Britain We will learn about the Roman invasion of Britain. We will explore the rise of the Roman Empire and discover key Roman developments that we might know today such as towns, roads and plumbing.			Anglo-Saxons and Vikings We will learn about the battle between the Anglo-Saxons and the Vikings for the control of Britain. We will understand how life in Britain changed from their homes to food and daily life.		
Geography		Natural disasters – flooding We will look at the distribution of biomes around the world. We will look at the difference between weather and climate and the effects that these have. We will understand that flooding is caused by heavy rainfall, long periods of rain, snowmelt, steep slopes, impermeable rock (doesn't allow water through), very wet, saturated soils. Flooding affects people's homes and businesses. It can be prevented by using flood barriers and not building on floodplains. Homes can prepare themselves by looking at warning system and following given advice.		Latitude and longitude – wider world natural disasters We will explore longitude and latitude around the world. We will learn about natural disasters and their effects and how these can be minimised.			
Art	Drawing – Lowry We will be using a variety of sketching techniques and mediums to draw a self-portrait in the style of LS Lowry.	Painting – Henri Rousseau We will produce a painting in the style of Henri Rousseau (linked to jungles/climate zones) We will build up the painting, in layers, to including the background, middle ground and foreground. We will choose a paint type, brushes and brushstrokes suitable for the effect we want to achieve and use a range of colours and hues to help develop detail and shadow.		Collage/Montage – Gary Hoang We will create a photomontage inspired by the work of Hoang that reflects the geography theme of 'Natural Disasters' We will use collage and montage techniques to respond to a theme and create digital versions of our collage	Sculpture – Gucametti We will create a copy cat style of sculpture. We will explore and build Mod-roc forms and observe the similarities/ differences with clay.		Digital printing – Andy Warhol We will look at the work of famous digital artists. We will experiment with digital designs
Music	Getting started with Music Technology How does music bring us together? We will learn about the ancient origins of music with links to ceremonies and stories. We will understand how technology has always been a part of music and how it has helped music evolve.	Emotions and musical styles How does music connect with our past We will learn how emotions relate to musical styles. We will develop our understanding of the importance of music through time and how it is used to understand historical moments in time.		Exploring key and time signatures How does music improve our world? We will investigate broader ways in which music improved the world. We will learn about different key and time signatures and how they help the pulse of the music.	Introducing chords How does music teach us about our community? We will learn what chords are and which instruments are used to play chords.	Words, meaning and expression How does music shape our way of life? We will understand how music is used for storytelling and the impact it has on the listeners.	Identifying important musical elements How does music connect us with the environment? We will develop our understanding about the creation of music from the composer and songwriter to the improviser and performer.
D&T	Cooking We will reignite basic food groups and food safety in the kitchen and during preparation. We will then use the skill of kneading dough with the palm of the hand before baking bread.				Structures and Mechanisms We will explore gears, cogs and pulleys. We will build a freestanding structure (crane) that houses a working pulley. We will accurately measure, mark out, cut, shape, assemble, join and combine materials and components with precision and control.		Textiles – Medals We will select from and use a wide range of materials and components according to their functional properties and aesthetic qualities. We will also use the techniques of sewing, embroidery, plaiting and finger knitting and combine techniques to create 3D hangings.
Computing	Online Safety We will learn about the importance of keeping personal information safe. We will also learn about the importance of citing sources and considering the reliability of online sources.		Game Creator We will design and create our own game that other children can play.	Text and Multimedia spreadsheets – Excel We will use Microsoft Excel to collect, analyse and evaluate data.	Text and Multimedia – Word We will use Microsoft Word to explore a different program for writing up and presenting information.	Text and Multimedia – Databases We will use a variety of apps within Purple Mash to search, investigate and present chosen information.	Presenting We will use Microsoft PowerPoint to help present some information gathered about our enterprise project.

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PSHE	<p>Families and relationships We will be developing an understanding of families, including marriage and what to do if someone feels unsafe in their family; learning that dealing issues can strengthen a friendship; exploring the impact of bullying and what influences a bully's behaviour; learning to appreciate our individual positive attributes.</p>	<p>Health and wellbeing We will learn to take greater responsibility for sleep, sun safety, healthy eating and managing feelings. We will also learn how to set goals, whilst embracing failures we may endure.</p>	<p>Safety and the changing body. We will explore the emotional and physical changes of puberty, including menstruation. We will also learn about online safety, whilst understanding strategies to overcome potential dangers, both online and in person.</p>		<p>Citizenship We will introduce the justice system including how parliament works; the role of pressure groups and learning about rights and responsibilities. We will also understand the impact of energy on the planet and contributing to the community.</p>	<p>Economic wellbeing We will develop an understanding about income and expenditure, borrowing, risks with money and stereotypes in the workplace.</p>			
RE	<p>U2.1 What does it mean if Christians believe God is holy and loving? We will explain connections between biblical texts and Christian ideas of God. We will weigh up how biblical ideas and teachings about God as holy and loving might make a difference in the world today.</p>	<p>U2.3 Why do Christians believe Jesus was the Messiah? We will explain the place of Incarnation and the Messiah within the 'big story' of the Bible. We will also weigh up how far the idea of Jesus as the 'Messiah' – a Saviour from God – is important in the world today and, if it is true, what difference that might make in people's lives, giving good reasons for their answers. U2.4 Christians and how to live – What would Jesus do? We will identify features of Gospel text, whilst taking account of the context, suggest meanings of Gospel texts studied, and compare their own ideas with ways in which Christians interpret biblical texts. We will also make connections between Christian teachings, issues, problems and opportunities in the world today, including their own lives.</p>	<p>U2.8 What does it mean to be a Muslim in Britain today? We will identify and explain Muslim beliefs about God, the Prophet and the holy Qur'an. We will make clear connections between Muslim beliefs and the importance of the five pillars.</p>	<p>U2.10 What matters most to Humanists and Christians? We will identify and explain beliefs about why people are good and bad (from both a Christian and Humanist perspective) whilst raising important questions and suggest answers about how and why people should be good. We will also make connections between the values studied and their own lives, and their importance in the world today, giving good reasons for their views.</p>	<p>U2.9 Why is the Torah so important to Jewish people? We will identify and explain Jewish beliefs about God whilst giving examples of some texts that say what God is like and explain how Jewish people interpret them. We will also make clear connections between Jewish beliefs about the Torah and how they use and treat it.</p>				
PE	<p style="text-align: center;">Dance</p> <p>We will develop working in unison and in canon to create a routine. We will also use different layers within our dances to improve basic choreography. When observing others, we will develop feedback to help others and praise their work.</p>	<p style="text-align: center;">Gymnastics</p> <p>We will develop our flexibility, technique and balance through a range of balances over different levels and understand how the use of apparatus can be used to change posture and balances. We will use a range of balance in canon and in small groups to develop our control of a routine.</p>	<p style="text-align: center;">Athletics</p> <p>We will learn to run with the correct technique, using arms to maintain power and ensure that our strides are maintained throughout a race. We will also develop our throwing technique to help increase the distance of an object that has been thrown.</p>	<p style="text-align: center;">Netball</p> <p>Through netball, we will learn how to use space with an invasion game to gain an advantage. We will also use a variety of passing techniques being able to use them in different attacking situations and how to defence against different styles of passes.</p>	<p style="text-align: center;">Hockey</p> <p>Through hockey, we will understand how limiting space can help with defence in an invasion game. We will also understand how planting your feet can help with accuracy when striking a ball.</p>	<p style="text-align: center;">Tennis</p> <p>We will learn how to find space to help us return a ball back to the sender. We will understand how our body position can help us return a ball accurately.</p>	<p style="text-align: center;">OAA</p> <p>We will learn how to work individually or as part of a team to solve problems and understand how listening to others can form ideas. We will learn how to read a map and use our orienteering skills to find hidden clues across the school.</p>	<p style="text-align: center;">Swimming</p> <p>We will learn to: show different shapes in the water, float without the use of a buoyancy aid and swim across the width of the pool without a buoyancy aid.</p>	<p style="text-align: center;">Cricket</p> <p>We will develop our throwing technique and understand and why throwing accurately is needed within sports. We will look at different catching techniques and how catching a ball differs if you are standing still or moving.</p>
MFL – catch up programme	<p>French greetings: We will learn how to greet each other in French and how to introduce yourself. (Yr 3 unit)</p>	<p>French greetings: We will learn how to greet each other at different times of the day. Children will then learn in French how to ask somebody how they are. (Yr 3 unit)</p>	<p>Numbers and calendars We will learn the days of the week, months of the year, dates and seasons and they research dates of French festivals and a traditional French birthday celebration in the classroom Food: We will be using a French cafe scenario to learn vocabulary for food. We will also revise numbers to 100 considering the price of food in the cafe setting. (Yr 4 units)</p>	<p>Verbs in a French week We will identify the infinitive forms of verbs and group them into -er, -ir and -re categories before learning verb endings. We will discover irregular verbs and create a short piece of creative writing to demonstrate our learning. (Yr 5 unit)</p>	<p>French monster pets We will use monsters and body part vocabulary to identify key facts of a French text and work towards writing paragraphs to describe our own monster creations. (Yr 5 unit)</p>	<p>Shopping in France We will learn high numbers, food-related vocabulary and build our understanding of sentence structures, questions and phrases to use when we are shopping in France. (Yr 5 unit)</p>			