The Black Pear Trust – SYNOPSIS PLANNER – YEAR 5



				Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	This is me			<u>Celebrate</u>	Around the world	<u>STEM</u>	Those that came before	Social Enterprise
Science	Animals including humans We will develop an understanding of how the human body changes and the different gestation periods animals have.				Forc We will learn about gro resistance, water resistan act between m We will also explore m levers, pulleys	avity, the effects of air ice and friction and the oving services. iechanisms including	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.	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.				<u>Anglo-Saxons and</u> <u>Vlkings</u> 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					Latitude and longitude <u>– wider world natural</u> <u>disasters</u> 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.				Collage/Montage - Hokusai We will explore the work of Hokusai and create our own collage that shows natural disasters.			
Music	Technology How does music bring us together? We will learn about the ancient origins of music with links to How does mu We will learn understand music through		How does music of We will learn how musical styles. understanding of music through time	nd musical styles connect with our past w emotions relate to We will develop our of the importance of e and how it is used to ical 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 imprpoviser 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 <u>Mechanisms</u> We will explore paper techniques such as pop-up books and origami. We will use glue guns, saws, set squares, bench hooks, drills, punches, needles and tape measures to create a working mechanical system.		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			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

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	sources and considering the reliability of online sources.							our enterprise project.
PSHE				<u>Health and</u> <u>wellbeing</u> 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.	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.		<u>Citizenship</u> 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.	Economic wellbeing We will develop an understandin about income and expenditure borrowing, risks with money and stereotypes in th workplace.
RE	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.				<u>Why do Christians</u> <u>believe Jesus was the</u> <u>Messiah?</u> 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.	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.	<u>Christians and how to</u> <u>live – What would Jesus</u> <u>do?</u> 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.	What matters most to Humanis and Christians? We will identify and explain beliefs about wh people are goo and bad (from both a Christian and Humanist perspective) whilst raising important questions and suggest answer about how and why people should be good We will also mak connections between the values studied and their own lives, and their importance in th world today, giving good reasons for thei
	Dance 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.				Gymnastics 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.		Athletics We will learn to run with the correct technique, using arms to maintain power ar ensure that our strides are maintained throughout a race. We will also develop ou throwing technique to help increase the distance of an object that has been thrown	
PE	Through netball, we will learnThrough hockey, we will learnhow to use space with anlimiting space cainvasion game to gain anan invasion gadvantage. We will also use aunderstand how		ockey re will understand how a help with defence in ame. We will also planting your feet can any when striking a ball.	OAA 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.	Tennis 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.	Swimming 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.	Cricket We will develop our throwing technique and understand an why throwing accurately is needed withir sports. We will look at different catchin techniques and how catching ball differs if yo are standing st or moving.	
MFL	<u>French monster r</u> We will use monsters of part vocabulary to ide facts of a French text of towards writing parag describe our own m creations.	and body entify key and work graphs to	We will identify th verbs and group th categories before I We will discover create a short piec	French week he infinitive forms of nem into -er, -ir and -re learning verb endings. irregular verbs and ce of creative writing ate our learning.	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.	French speaking world We will explore the countries around the world that speak French, learn how to give and follow directions, discuss climate and use comparative language.	Space exploration We will be transported to space to develop our scientific vocabulary and grammar. We will develop our sentence structures by adding adjectives, prepositions and make simple adjectival comparisons.	<u>Meet my Frenc</u> <u>family</u> We will understand fam and relations vocabulary, possessive adjectives and how to express likes and dislike We will produc

	language.	We will produce
		a piece of written
		work in French
		describing
		members of our
		family.