



Medium Term Plan (Year 5)

Term: Summer 1, Allotment

Intended Outcome of Topic: To design and make their own pizzas for a pizza café.	SMSC continued:
SMSC Links: ENGLISH understand the different ways in which human beings have tried to make sense of their lives and given expression to their deepest hopes and fears (e.g. in myth and legend, parable, biography, poetry and song) explore stories which tell of the triumph of the human spirit 'against the odds' and which illustrate spiritual qualities such as love, compassion and altruism explore occasions in stories and plays when characters have to make moral choices explore moral themes in stories (e.g. good over evil, weak over strong, wise over foolish) hear and write stories where there are two sides to an argument reflect on the underlying values, beliefs and attitudes that motivate characters learn about language variation in English and how language relates to national, regional and cultural identities explore folk tales and traditional stories from different cultures MATHS appreciate the underlying mathematical principles behind some of the beautiful natural forms and patterns in the world around us appreciate that for the ancient Greeks, mathematics was the supreme form of knowledge, believed to hold the key to the secrets of the universe engage in increasingly challenging problem solving activities, persevere to overcome difficulties an experience the pleasure and satisfaction in reaching a solution (arriving at the 'Eureka!' moment!) consider the implications of reducing human beings to mere numbers or percentages (e.g. in statistics)	SCIENCE experience the wonder of new life appreciate the inter-connectedness of everything appreciate the inter-dependence of different organisms (e.g. symbiotic relationships) reflect on and wonder at the order, regularity and pattern in the natural and physical wo appreciate how the subject of ICT embodies aspects of the human spirit: our drive to share and communicate through the invention of new technologies, and our capacity to use the incomprehensible vastness of the universe and the variety of life forms within it HISTORY appreciate the achievements of past societies (e.g. the pyramids, cathedrals, illuminated manuscripts) consider the lives, writings and influence of inspirational figures from the past appreciate the tremendous influence of religion on human societies past and present recognise that actions have consequences by considering the results of events and decisions consider different political structures (e.g. democratic, autocratic, hierarchical) learn how our present society has been shaped by the past. GEOGRAPHY respond to dramatic environments, both physical and human, such as photographs of the world from space consider the moral and practical issues of pollution, conservation and the sustainability of our environment reflect on similarities and differences among peoples in near and distant parts of the world find out about contrasting localities in Britain and the wider world ART reflect on their own emotional responses to works of art reflect on meanings, issues and values expressed in art, developing understanding and respect for differences in beliefs and values contained in the art of different traditions MUSIC appreciate (through listening, composing and performing) the capacity of different types of music to move people in different ways (e.g. to inspire, console, refresh, soothe and lift the spirit) reflect on their own emotional responses to pieces of music reflect on meanings, issues and values expressed in music, developing understanding and respect for differences in beliefs and values contained in the music of different traditions RE develop awareness of the human quest to make sense of the world and the human predicament and to seek meaning and purpose in life learn about the beliefs and practices of Christianity and other major world religions learn from religion and evaluate the truth claims made by Christians and other religious believers COMPUTING respond with a sense of awe and wonder to humankind's technological achievements wonder at what a small computer can do reflect on how people the world over are linked through the world wide web

Maths	Converting Units of Measure Scheme: Ark Maths My Mastery	Converting Units of Measure Scheme: Ark Maths My Mastery	Calculating with Whole Numbers and Decimals. Scheme: Ark Maths My Mastery	Calculating with Whole Numbers and Decimals. Scheme: Ark Maths My Mastery	Calculating with Whole Numbers and Decimals. Scheme: Ark Maths My Mastery	2D and 3D Shapes Scheme: Ark Maths My Mastery
Science	Scheme: Developing Experts Topic: Properties of Materials Learning Outcomes: Explore Properties of Materials Group materials according to their properties Carry out a fair and comparative test to group materials according to their properties Use results from a fair and comparative test to explain how the properties of materials enable them to be suitable for a specific task	Scheme: Developing Experts Topic: Properties of Materials Learning Outcomes: Explore Thermal Conductors and Thermal Insulators Identify materials that are thermal conductors Carry out a fair and comparative test to test the thermal conductive properties of materials Use results from a fair and comparative test to explain how the thermal conductive properties of materials enable them to be suitable for a specific task	Scheme: Developing Experts Topic: Properties of Materials Learning Outcomes: Explore the Hardness of Materials Investigate the hardness of materials Carry out a fair and comparative test to test the hardness of materials Use results from a fair and comparative test to explain how the hardness of materials enables them to be suitable for a specific task	Scheme: Developing Experts Topic: Properties of Materials Learning Outcomes: Discover Materials That Are Soluble in Water Understand what the term ‘dissolve’ means Investigate and identify which materials are soluble and insoluble in water Using the results of their investigation, consider which solutions could be reversed	Scheme: Developing Experts Topic: Properties of Materials Learning Outcomes: Investigate the Solubility of Materials Ask questions that explore the solubility of a solute Design an investigation that tests the solubility of a solute Present the findings from an investigation that tests the solubility of a solute	Scheme: Developing Experts Topic: Properties of Materials Learning Outcomes: Explore how mixtures can be separated by filtering, sieving, evaporating or magnets Identify the different separation methods Describe the process of different separation methods Explain the most effective separation method for various materials
Computing						
Geography						
History						
Art & Design				WE ARE LEARNING TO: <u>practise drawing different lines and curves</u>	WE ARE LEARNING TO: <u>experiment with colour</u>	WALT: draw proportions using a grid

Design Technology	To know that climate and conditions affect when and where food is produced.	To explore a real-life context for designing and making pizza. To carry out sensory evaluations of a range of pizzas.	To be able to use a range of cooking techniques such as peeling, grating, chopping and slicing vegetables safely and hygienically.	To create design criteria for their own pizza. To use results of their research when developing design ideas.	To prepare and cook their own pizza. To evaluate their pizza against their design criteria.	Open their own pizza restaurant and create a menu for their pizza restaurant.
Religious Education	What difference does the resurrection make to Christians? The Easter story and the four gospels. SCHEME: Essex RE Syllabus	What difference does the resurrection make to Christians? The Easter story and the four gospels. SCHEME: Essex RE Syllabus	What difference does the resurrection make to Christians? The Easter story and the four gospels. SCHEME: Essex RE Syllabus			
PE	Scheme: PE Planning Basketball Gymnastics	Scheme: PE Planning Basketball Gymnastics	Scheme: PE Planning Basketball Gymnastics	Scheme: PE Planning Basketball Gymnastics	Scheme: PE Planning Basketball Gymnastics	Scheme: PE Planning Basketball Gymnastics
CPHSE	Scheme: Jigsaw <u>WE ARE LEARNING TO: have an accurate picture of who I am as a person in terms of my characteristics and personal qualities.</u>	Scheme: Jigsaw <u>WE ARE LEARNING TO: understand that belonging to an online community can have positive and negative consequences.</u>	Scheme: Jigsaw <u>WE ARE LEARNING TO: understand there are rights and responsibilities in an online community or social network.</u>	Scheme: Jigsaw <u>WE ARE LEARNING TO: know there are rights and responsibilities when playing a game online.</u>	Scheme: Jigsaw <u>WE ARE LEARNING TO: recognise when I am spending too much time using devices (screen time).</u>	Scheme: Jigsaw <u>WE ARE LEARNING TO: explain how to stay safe when using technology to communicate with my friends.</u>
Music						
Languages (Spanish)	To introduce themselves, say how they feel and have a wider appreciation for the country/countries where Spanish is spoken.	To introduce themselves, say how they feel and have a wider appreciation for the country/countries where Spanish is spoken.	To learn 10 common shapes and also the numbers 1-5 in Spanish. To recognise, recall, remember and spell up to ten shape nouns with their indefinite article.	To learn 10 common shapes and also the numbers 1-5 in Spanish. To recognise, recall, remember and spell up to ten shape nouns with their indefinite article.	To learn 10 common shapes and also the numbers 1-5 in Spanish. To recognise, recall, remember and spell up to ten shape nouns with their indefinite article.	Recap lessons from this half term.
Other Details e.g. visits		Pizza workshop with ISS			Pizza Making Day 13 th May- 5 Ruby and 5 Quartz 14 th May- 5 Zircon	