

	St Peter's Church of England Primary School			
	Medium Term Topic Plan	Year Group: Y5/6	Strand A	Term: Autumn
			Theme: Ironstone Mining	

Framework of Skills, knowledge and Understanding

Subjects

Art	D&T	Science	Computing and Online Safety
Printing - I can print using a number of colours. - I can overprint using different colours. - I can create an accurate print that meets set criteria. - I can print onto different materials successfully. - I can make decisions about the methods I use for printing as a result of careful planning and practice of different printing techniques. - Make an ink print linked to Ironstone mining images.	Moving toys - Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. - Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities. - Investigate and analyse a range of existing products. - Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages].	Year 5 Living things and their habitats Pupils should be taught to: - describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird - describe the life process of reproduction in some plants and animals. - describe how living things are classified into broad groups according to common observational characteristics and based on similarities and differences, including micro-organisms, plants and animals - give reasons for classifying plants and animals based on specific characteristics. Forces Pupils should be taught to: - explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object - identify the effects of air resistance, water resistance and friction, that act between moving surfaces - recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.	Online Safety – 2Be Safe (Purple Mash) Microbits - To create a micro:bit story telling game. - To code a micro:bit to measure temperature and produce different outputs based on this. - To code a micro:bit to simulate a magic 8 ball. Spreadsheets - To refresh and extend understanding of formulae and functions from previous learning. - To use formulae in 2Calculate to convert measurements between different units. - To use 2Calculate to create and interpret line graphs that show how data changes over time. - To analyse weather data by using spreadsheets to identify patterns. - To use spreadsheets to plan and budget for an event. - To use a spreadsheet to plan a holiday.

Music	History	Geography	RE
Identify and learn about some of the style indicators and instruments played in a range of musical styles including rock and pop ballads Recognise and discuss how pulse, rhythm, pitch, temp and dynamics work together and connect in a song Learn songs from memory and perform in unison Play instrumental parts within a song Identify the main sections of the songs (into, verse, chorus etc). Compose and record simple melodies and rhythms Identify and move to the pulse with ease Recognise the connection between sound and symbols PHSE Jigsaw – Being me in my world. Jigsaw – Celebrating difference.	Ironstone Mining •Know about a period of history that has strong connections to their locality and understand the issues associated with the period. •Know how the lives of wealthy people were different from the lives of poorer people during this time. Know why are industrial areas and ports are important. Understand the life of a trappy boy/miner working in the conditions of the ironstone mines.	To use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies. I can explain the human impact on the local area of Brotton due to the development of the mines. Understand the development of the mines between 1880-1950s and the consequences of their closure up to the modern day.	God (holy and loving) •What words do Christians connect to their idea of God? •What does the Bible say God is like? •How can ideas of God be expressed in art? •How do some Christians respond to a holy and loving God? •How do churches and cathedrals reflect Christian ideas about God? •What does it mean if Christians believe God is holy and loving? Islam in Britain •How many Muslims and how many mosques are there in Britain? •How might the Five Pillars affect the lives of Muslims in Britain today? •Why is Zakat important to Muslims? How is charity important to you? •Why do Muslims go on pilgrimage? (Story of Zam Zam) •Why do Muslims go on pilgrimage (significance for Muslims today) Understanding Christianity - Incarnation
French	<u>Presenting Myself</u> Perform role play with name, age, where they live and nationality. Match sound to picture / word / phrase. Numbers 1-20 listening exercise. Read role-plays and understand the content. Nationalities and adjectival agreement based on gender. <u>My Home</u> Say whether they live in a house or an apartment and say where it is. Repeat, recognise and attempt to spell up to ten nouns (including the correct article for each) for the rooms of the house in French. Tell somebody in French what rooms they have or do not have in their home. Ask somebody else in French what rooms they have in their home. Attempt to create a longer spoken or written passage in French recycling previously learnt language (incorporating personal details such as their name and age).		