Loving God in all we do

St Anne's Catholic Primary School

Year 5 - Curriculum Overview 2019-20

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Summer 2
Topic name	**Healthy Bodies, Healthy Minds**	**Our World**	**We are Explorers! (Space)**	**Animal Kingdom (Rainforest)**	**We are Scientists!**	**We are creative!**	**We are eco-warriors and we care**
RE	Ourselves Judaism	Life Choices Hope	Mission Memorial Sacrifice	Sacrifice	Transformation Islam	Freedom and responsibility	Stewardship (CAFOD)
RSE	'I am unique and made in the image of God' 'We all accept and respect ourselves' 'We are growing and becoming young adults'						

English – genres through the curriculum	Legends of the British Isles A selection of British Legend texts Persuasion Adverts & magazines	Non-Chronological reports / information texts Daily Life in the Islamic Golden Age Don Nardo Classic Narrative Poetry 'Sinbad the Sailor' by Marcia Williams	Science fiction stories Information booklets Poems with a structure	Stories form Other Cultures 'The Vanishing Rainforest' by Richard Platt Debate Deforestation 'The Explorer' by Katherine Rundel 'Rainforests in 30 Seconds' by Jen Green & Stephanie Murphy Genres?	Stories with historical settings 'Professor Branestawm' by Norman Hunter Film & Play Scripts	Myths Ancient Greece Biographies and Autobiographies Andrew Goldsworthy Poems with figurative language	Information text How can we reduce waste? 'One World' by Michael Foreman
Maths – skills through the curriculum	**Statistics** Complete, read and interpret information in tables and timetables. Solve comparison, sum and difference problems using information presented in all types of graph including a line graph.	**Measurement** Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.	**Geometry – properties of shapes** Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. Identify: – angles at a point and one whole turn (total 360°).	**Geometry – position and direction** Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the	**Statistics** Complete, read and interpret information in tables and timetables. Solve comparison, sum and difference problems using information presented in all types of graph including a line graph.	**Geometry – position and direction** Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed.	

	Calculate and interpret the mode, median and range.		– angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°). – other multiples of 90°.	shape has not changed.	Calculate and interpret the mode, median and range.		
Science	Science Animals, including humans	Properties and changes of materials.	Earth & Space Wonderdome inflatable planetarium (if possible).	Living things and their habitats: Life cycle changes in animals & plants	Forces and magnets - Inventors and inventions	States of Matter Materials: Reversible and irreversible changes.	Materials: Recycling plastic and global impact Geography?
Working Scientifically	Fair & Comparative Testing Research	Questioning Research	Research the planets & solar system	Observe Research	Communicating Research	Pattern seeking Identifying and Classifying	Research Communicating
Art & design	**Art & design** to improve their mastery of art and design techniques, including drawing	**Art & design** to improve their mastery of art and design techniques, including drawing Draw a detailed sketch of the original Baghdad City	**Art & design** to improve their mastery of art and design techniques, including painting New year's resolutions display in hall (washes) Design & make a Spaceship	**Art & design** to improve their mastery of art and design techniques, including painting **Art and Design** Great artists, architects and designers in history Sketch / paint Rainforest pictures in the	**Art and Design** Great artists, architects and designers in history Researching and designing our own inventions	**Art & design** to improve their mastery of art and design techniques, including sculpture with a range of materials Figure drawing developing into 3D sculpture Andy Goldsworthy / Anthony Gormley	**Art & design** to improve their mastery of art and design techniques, including sculpture with a range of materials Explorer, design and make an upcycled planter from recycled materials such as plastic.

				style of Henry Rousseau			
Computing	**Information Technology** Databases	**Information Technology** Concept maps	**Computer Science** Games Creator **Digital Literacy** Online Safety	**Computer Science** Coding Digital art using Bomomo	**Information Technology** Spreadsheets	**Computer Science** 3D Modelling Using Ultimaker 2+ Printing churches + church builder BF	What are the working components of a computer?
Design Technology			**Design & Technology** 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 Design, make and paint a planet from Modroc.	**Design & Technology** Technical knowledge understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] Make a model of a Viking longboat (Home project)	**Design & technology** Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose Design an invention for the future.	**Design & technology** Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately Clay Sculpture with a Greek theme	**Design & technology** Apply their understanding of how to strengthen, stiffen and reinforce more complex structures Plastic sculpture
Cooking and nutrition	**Design & technology** **To understand seasonality, and know where and how a variety of ingredients are grown, reared,**	**Food from another cultureDesign & Technology** Prepare and cook a variety of predominantly	**Design & Technology** Understand and apply the principles of a healthy and varied diet.	**Design & Technology** Prepare and cook a variety of predominantly savoury dishes using a range of		**Design & Technology** Prepare and cook a variety of predominantly savoury dishes using a range of	

	caught and processed. **Tasting foods from the four UK countries**	savoury dishes using a range of cooking techniques Eastern food tasting. Kebabs	Explore the types of food are used in space by astronoauts	cooking techniques Pão de Queijo (Brazilian Cheese Bread)		cooking techniques Greek food tasting afternoon.	
Geography	**The Geography of the British Isles:** To know the capital cities of the countries in the British Isles and to to explore landmarks, rivers and features, both natural and man made.			**Geography** Human and physical geography Brazil and the Amazon Rainforest.		**Geography** Locational knowledge - locate the world's countries Map work on Greece & the surrounding islands and seas.	**Geography** Human geography Recycling plastic and global impact.
History		**History** a non-European society that provides contrasts with British history: Bangladesh Early Islamic Civilization – Baghdad c AD 900		**History** Vikings & Anglo Saxons (York) The Vikings / York	Famous Inventors and inventions	**History** Ancient Greece Ancient & Modern Day Greece (including sport)	

Languages	On the way to school Directions Places	Healthy Eating Food Singular/plural Masculine/ feminine	The Planets Positional language Names of planets Adjectives	I am the music man Musical instruments Questions	German The Return of Spring Month Adjectives Question openers	Beach Scene Building sentences Verbs- singular/plural	
Music	**Music** play and perform in solo and ensemble contexts Listening to and performing a range of music. Osinato (Pachelbel) Inter related dimensions of music.	**Music** improvise and compose music for a range of purposes using the inter-related dimensions of music To compose music for a range of purposes.	Music Appreciate and understand a wide range of high quality live and recorded music drawn from different traditions and great composers and musicians. Philharmonic trip if permitted	**Music** improvise and compose music for a range of purposes using the inter-related dimensions of music Rhythmic Composition	**Music** improvise and compose music for a range of purposes using the inter-related dimensions of music Rhythmic Composition	**Music** improvise and compose music for a range of purposes using the inter-related dimensions of music Greek Music & Rhythmic Composition	
PE	PE Perform dances using a range of movement patterns Dance & Athletics for agility & stamina.	PE Develop flexibility, strength, technique, control and balance Gymnastics	PE Swim competently, confidently and proficiently over a distance of at least 25 metres use a range of strokes effectively Swimming if permitted PE compare their performances with previous ones and demonstrate	PE Perform safe self-rescue in different water-based situations. Swimming if permitted PE compare their performances with previous ones and demonstrate improvement to	PE Play competitive games Modified Team Games if permitted	PE Develop flexibility, strength, technique, control and balance Athletics	

			improvement to achieve their personal best. Circuit Training	achieve their personal best. HIIT Joe Wicks			