Varna Community Primary School Curriculum Plan for 2024 2025 Year 5

	Science	RE	Topic- (covering the Geography, History Art & DT objectives)		PHSE- Jigsaw	Music	PE	MFL
Autumn 1	**Forces and Mechanisms** In this module, children will learn 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.	Sikhism Belief in Action How far would a Sikh go for his/her religion?	**The UK (Geography)** Children will be able:To be able to identify and describe key geographical features of the United Kingdom. To be able to identify and locate the counties of the United Kingdom. To be able to locate and identify towns and cities in the UK. To find out about the hills and mountains of the UK. To find out about the seas and coasts of the UK.	**Bridges-DT** Children will explore ways in which pillars, beams, arches and trusses are used to strengthen brides. They will understand how suspension bridges are used to span long distances. They will develop criteria, design a prototype bridge for a purpose, analyse, and evaluate their product according to their design criteria.	**Mental and Emotional Help** 1) What is mental health? 2) How do I negotiate and compromise? 3) How do I stay safe on a mobile or tablet?	**Livin' on a Prayer** (Rock) Rock Anthems.	Gym Dance Outdoor Games	Phonnics 2-3
Autumn 2	**Properties and uses of materials** In this module, children will learn to: • compare and group together everyday materials on the basis of their properties, including their hardness, [solubility,] transparency, conductivity (electrical and thermal), and response to magnets • give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.	Christianity Christmas Is the Christmas story true?	**Vikings versus Anglo-Saxons- History** Children will learn about the Viking and Anglo-Saxon struggle for the kingdom of England and how England became a unified country. Children will learn where the Anglo-Saxons and the Vikings came from, and what life was like for everyday people living in Anglo-Saxon and Viking Britain. They will learn where this fits in chronologically on a timeline of Britain.	**Viking Art- Art** Children will use a variety of drawing tools to develop awareness of tone and texture in monochromatic portraits of Viking men and ravens.	**Living in the Wider World** 1) How are rules and law made and changed? 2) What is Fairtrade? 3) How can I develop my enterprise skills? 4) What is racism?	**Classroom Jazz 1** (Bossa Nova and Swing) Jazz and improvisation.		The Date.
Spring 1	**Earth and Space** In this module, children will learn to: • describe the movement of the Earth, and other planets, relative to the Sun in the solar system • describe the movement of the Moon relative to the Earth • describe the Sun, Earth and Moon as approximately spherical bodies • use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.	Sikhism Beliefs and moral values Are Sikh stories important today?	**Titanic- History** Children will learn about the maiden voyage of the Titanic and investigate what life was like for the different classes on board. Children will also debate why so many lives were lost in the disaster and investigate the changes to sea voyage since.	**Textiles, Painting, Collage - Space – Art** *Artist- Frank Bowling/Hannah Rae/Karen Rose* Children will watch video about abstract painting methods of Frank Bowling. They will create textured mixed-media abstract patterns for a collaborative solar scene, using sketchbook as a palette. They will also develop sewing skills to add texture to their planets.	**Keeping Safe** 1) How do I respond to dares? 2) What are 'habits'? 3) Who or what influences me?	**Make You Feel My Love** (Pop Ballads) Pop Ballads	Gym Dance Outdoor Games	The Weather
Spring 2	**Plant and Animal Life Cycles** In this module, children will learn 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	Christianity Easter - Salvation How significant is it for Christians to believe God intended Jesus to die.	**Investigating rivers- Geography** Children will understand why rivers are important and explain the water cycle, they will find out about rivers and how they erode, transport and deposit materials. They will find out the causes of river pollution and the effect it has on the environment, they will investigate a river in detail and the effects on the environment and landscape. Finally, they will conduct a geographical enquiry.	**Biscuits- DT** This mouth-watering Year 5 scheme of work will soon have your class baking some great ideas for making their own biscuits! Children will have the chance to explore different kinds of biscuits, including their flavours, textures and appearances, find out which biscuits are most and least popular, as well as design, make, evaluate (and, of course, eat!) their own biscuits.	**Healthy Lifestyles** 1) How can we stop the spread of infection? 2) Why is it important to know about nutritional content of food?	**The Fresh Prince of Bel-Air** (Old School Hip-Hop) Old School Hip-Hop.		My Home
Summer 1	**Separating Mixtures and Changing Materials** In this module, children will learn: • that some materials dissolve in liquid to form a solution, and describe how to recover a substance from a solution • to use knowledge of solids, liquids, and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating • to demonstrate that dissolving, mixing and changes of state are reversible changes • to explain that some changes result in the formation of new materials and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.	Sikhism Prayer and Worship What is the best way for a Sikh to show commitment to God?	**South America- Geography** Children will find out about the location and countries of South America. They will find out about the climate, the major mountain ranges, the human geography and the trade and industry in South America. They will carry an in depth study of a South American country then compare an area of South America with the UK.	**Painting – Irene Guerriero- Art** Children will develop colour-mixing skills to create a rainforest painting in the style of Irene Guerriero. They will learn to mix shades and tones of a colour and they will develop brush skills to create both washes and details.	**Sex and Relationship Education** 1) What is puberty? 2) What are the different relationships in my life? 3) What is unwanted touch?	**Dancing in the Street** (Motown) Motown	Gym Dance Outdoor Games	Olympics
Summer 2	**Human growth and reproduction** In this module, children will learn to: • describe changes as humans develop to old age. • describe the life process of reproduction in humans.	Christianity Beliefs and Practices What is the best way for a Christian to show commitment to God?	**Who were the Ancient Greeks?- History** Children will find out who the ancient Greeks were and place their civilisation in time. They will learn about the governance, compare and contrast two city-states of Athens and Sparta. They will find out about daily life, religion, scholars and philosophers in Ancient Greece and how modern day life has been influenced by the Ancient Greeks.	**Funky Furnishings – DT** Turn your children into aspiring interior designers with these fun Funky Furnishings lessons! Children will research, analyse, design, make and evaluate a 'funky' cushion cover, using their developing knowledge of and skills in a variety of sewing techniques for joining and decorating fabric.	**Transition** We use this unit to prepare the children for the next stage of their education	**Reflect, Rewind & Replay** (Classical) The history of music, look back and consolidate your learning, learn some of the language of music.		Clothes

Power Maths Year 5, yearly overview

Textbook	Strand	Unit		Number of lessons
Textbook A / Practice Workbook A (Term 1)	Number – number and place value	1	Place value within 1,000,000 (1)	8
	Number – number and place value	2	Place value within 1,000,000 (2)	6
	Number – addition and subtraction	3	Addition and subtraction	12
	Number – multiplication and division	4	Multiplication and division (1)	10
	Number – fractions (including decimals and percentages)	5	Fractions (1)	8
	Number – fractions (including decimals and percentages)	6	Fractions (2)	11
Textbook B / Practice Workbook B (Term 2)	Number – multiplication and division	7	Multiplication and division (2)	10
	Number – fractions (including decimals and percentages)	8	Fractions (3)	7
	Number – fractions (including decimals and percentages)	9	Decimals and percentages	15
	Measurement	10	Measure – perimeter and area	8
	Statistics	11	Graphs and tables	6
Textbook C / Practice Workbook C (Term 3)	Geometry – properties of shapes	12	Geometry – properties of shapes	12
	Geometry – position and direction	13	Geometry – position and direction	6
	Number – fractions (including decimals and percentages)	14	Decimals	15
	Number – number and place value	15	Negative numbers	4
	Measurement	16	Measure – converting units	10
	Measurement	17	Measure – volume and capacity	3