

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Learning Challenge	How do you get to Jo'Berg?	Why should rainforests be protected?	Were the Vikings always vicious and victorious?	What makes your heart race?	Could you create a Nowhere Emporium ?	How can you light up your life?
English	Core Texts Journey to J'Burg Beverley Naidoo	Core Texts Trash Andy Mulligan	Core Texts Beowulf Michael Morpurgo	Core Texts The Spider and the Fly Mary Howitt	Core Texts The Nowhere Emporium Ross MacKenzie	Core Texts Tales from the Arabian Nights
Maths	White Rose Maths Scheme (see skills progression)					
Science		<p>Sc5/2.1 Living Things and their habitats describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird</p> <p>describe the life process of reproduction in some plants and animals.</p>	<p>Sc5/2.2 Animals, including humans identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood</p> <p>recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function</p> <p>describe the ways in which nutrients and water are transported within animals, including humans</p>	<p>Sc6/2.2 Animals including humans identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood</p> <p>recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function</p> <p>describe the ways in which nutrients and water are transported</p>	<p>Sc5/3.1 Properties and Changes of Materials compare and group together everyday materials on the basis of their properties, know that some materials will dissolve in liquid to form a solution; decide how mixtures might be separated</p> <p>give reasons, based on evidence from comparative and fair tests, for the uses of everyday materials</p> <p>demonstrate that dissolving, mixing and changes of state are reversible changes</p> <p>explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible</p>	<p>Sc6/4.1 Light recognise that light appears to travel in straight lines</p> <p>use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye</p> <p>explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes</p> <p>use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them</p>
Humanities	<p>Hi2/2.2 Extended chronological study Changes in an aspect of social history ie Windrush & discrimination</p>	<p>Ge2/1.3 Human and Physical Geography describe and understand key aspects of physical geography ie rain forests</p> <p>Ge2/1.4 use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied</p>	<p>Hi2/1.4 Vikings Pupils should be taught about the Viking struggle for the Kingdom of England to the time of Edward the Confessor</p>		<p>Ge2/1.4c 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.</p>	<p>Hi2/2.5 Non-European Study Pupils should be taught about a non-European society that provides contrasts with British history ie early Islamic civilization, including a study of Baghdad c. AD 900</p>
Art	Drawing		Painting		Sculpture	
DT	Textiles		Food		Construction / Mechanisms	
Computing	Scratch UKCCIS: Self image & identity	Flowol	Internet research UKCCIS: online information	E safety	3d modelling sketch up UKCCIS: privacy & security	Using and applying skills
RE (SACRE syllabus)	6.1 Justice & Freedom	Christmas	5.1 Expressions of faith	Easter	5.3 Pilgrimage	
Music	Mu2/1.1 perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression Charanga:		Mu2/1.1 play musical instruments with increasing accuracy, fluency, control and expression (recorders & percussion) Charanga		Mu2/1.2 improvise and compose music for a range of purposes using the interrelated dimensions of music Charanga:	
SMSC	Jigsaw: Being me in my world	Jigsaw: Celebrating differences	Jigsaw: Dreams and goals	Jigsaw: Healthy me	Jigsaw: Relationships	Jigsaw: Changing me
PE	Fit4fun					
Languages	French					

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Learning Challenge	Will we ever send another human to the moon?	To be or not to be: that is the question	Have we always looked like this?		Were the Anglo-Saxons really smashing?	Can you feel the force?
English	Core Texts Leon and the Place Between Grahame Baker-Smith	Core Texts Macbeth William Shakespeare	Core Texts Wonder J P Palacio		Core Texts The Lady of Shalot Alfred Lord Tennyson	Core Texts The man who walked between the towers Mordecai Gerstein
Maths	White Rose Maths Scheme (see skills progression)					
Science	Sc5/4.1 Earth and Space 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	Sc6/4.2 Electricity associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches use recognised symbols when representing a simple circuit in a diagram	Sc6/2.3 Evolution recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.		Sc5/2.2 Animals, including humans describe the changes as humans develop to old age.	Sc5/4.2 Forces 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
Humanities	Ge2/1.1c Locational Knowledge identify the position and significance of the Prime/Greenwich Meridian and time zones (including day and night)	Hi2/2.2 Extended chronological study Shakespearean theatre	Ge2/1.1c Locational Knowledge identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle		Hi2/1.3 Anglo-Saxons & Scots Pupils should be taught about Britain's settlement by Anglo-Saxons and Scots	
Art	Drawing		Painting		Sculpture	
DT	Textiles		Food		Construction / Mechanisms	
Computing	Kodu programming UKCCIS: Online relationships	Radio broadcast	Website design UKCCIS: Online bullying		Scratch animated stories UKCCIS: Health & Lifestyle	Using and applying
RE (SACRE syllabus)	5.2 Faith in action	Christmas	6.2 Living a faith	Easter	6.3 Hopes & Visions	
Music	Mu2/1.1 perform in solo and ensemble contexts, using their voices with increasing accuracy, fluency, control and expression Charanga:		Mu2/1.1 play musical instruments with increasing accuracy, fluency, control and expression (recorders & percussion) Charanga		Mu2/1.2 improvise and compose music for a range of purposes using the interrelated dimensions of music Charanga:	
SMSC	Jigsaw: Being me in my world	Jigsaw: Celebrating differences	Jigsaw: Dreams and goals	Jigsaw: Healthy me	Jigsaw: Relationships	Jigsaw: Changing me
PE	Fit4fun					
Languages	French					