Year 5 and 6

		Year A			Year B			
	Two year Overview	Victorians	Dark, dark Wood	WW2	Egyptians	Anglo Saxons and Vikings	Future Worlds and Space	
English		Following the New National Curriculum						
Maths		Following the New National Curriculum						
Science	Biology -Life-cycles of plants and animals -Describe changes as humans develop and mature -Classification, including micro-organisms -Health & Lifestyles, incl. circulatory system -Evolution & Adaptation Chemistry -Classifying materials according to a variety of properties -Understand mixtures & solutions -Know about reversible changes; identify irreversible Physics -Understand location and interaction of Sun, Earth & Moon -Introduce gravity, resistance & mechanical forces / forces including gravity -Light & Shadows; the eye -Electricity; investigating circuits	Evolution and Inheritance -Recognise that living things have changed over time -Living things produce offspring Of the same kind, but vary and may not be identical -How animals and plants are adapted to suit their environment in different ways and adaptations may lead to evolution.	Living things and their habitats -living things classified -Reasons for classifying plants and animals based on specific characteristicsDifferences in life cycles of a mammal, amphibian, insect and bird -Life process of reproduction in some plants and animals Animals including humans -describe the changes as humans develop to old age.	Electricity -Associate the brightness of a lamp or the volume of a buzzer with the number of voltage cells used in circuitCompare/give reasons for variations in how components function -Use recognised symbols when representing a simple circuit Codes – Bletchley Park Light Recognise that light appears to travel in straight lines -Objects are seen because they give out or reflect light -Light travels from source to our eye/ from	Animals including humans -Identify/name main parts of human circulatory system/ functions of heart/ blood vessels and blood -Impact of diet/ exercise/drugs and lifestyle on the way bodies functionWays nutrients and water are transported within animals including humans. -Micro- organisms	Properties and changes of materials -Compare and group together based on properties -Know that some materials dissolve in liquid to form solution/ recovering substances -Mixtures which separate/filtering/ sieving/ evaporating -Uses of materials -Changing states are reversible -Some changes from a new material/ may not be reversible	Earth and Space -Movement of Earth and planets relative to the sun in solar system -Movement of Moon relative to the Earth -Sun, Earth, Moon as spherical bodies -Earth's rotation explains day and night/ apparent movement of sun across sky Forces -Unsupported objects fall towards Earth/ force of gravity acting between Earth and object -Effects of air resistance and friction, that act between moving surfaces -Some mechanisms	

				light sources to object s and then to eye -Shadows have the same shape as the object that cast them. Blackouts			allow smaller forces to have greater impact.
History	British History -Anglo-Saxons and Vikings -An extended period study Broader History Study -Ancient Greece -Non-European Society	Victorians -The changing power of monarchs Victoria -changes in an aspect of social history, such as crime and punishment, leisure -a significant turning point in British History/ the first railways		WW2 -Aspect or theme in British history that extends pupils' chronological knowledge	Ancient Egyptians -The achievements of the earliest civilizations/ where and when civilizations appeared -An in depth study	-Britain's settlement by Anglo-Saxons and Scots -The Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor	The Space Race
Geography	-Name and locate counties, cities, regions & features of the UK -Understand latitude, longitude, Equator, hemisphere, tropics, polar circles & time zones -Study a region of Europe, and of the Americas -Understand biomes, vegetation belts, land use, economic activity, distribution of resources etcUse 4 and 6 figure grid references on OS maps -Use fieldwork to record & explain areas	-Name and locate counties and cities of the United kingdom	The Prime/ Greenwhich Meridian and time zones -Geographical skills and fieldwork		Multicultural Week - Locate the world countries using maps to focus on Europe and North/South America/ environmental regions/ physical and human characteristics -Geographical similarities and differences	-Human geography / types of settlement/land use/economic activity including trade linksCounties of the United Kingdom/ geographical regions/ human and physical characteristics/ topographical features -Mountains, rivers and water cycle	-Identify the position and significance of latitude, longitude, equator, Northern Hemisphere, Southern Hemisphere, Tropics of Cancer and Capricorn, Artic and Antarctic Circle -Distribution of natural resources including energy, food, minerals and water -Climate zones, biomes etc

Art and Design	-Use sketchbooks to collect, record, review, revisit & evaluate ideas -Improve mastery of techniques such as drawing, painting and sculpture with varied materials -Learn about great artists, architects & designers	Victorian architects and buildings -William Morris -Macintosh -Brunel	Develop techniques, control and use of materials, with creativity, experimentation. -Tree pictures in chalk/charcoal -Bark texture	Posters Propaganda Perspective Light and Shade Printing	Sculpture -Canopic jars -Masks Painting -Cartouches -Tomb painting	-Bayeux tapestry -Dying fabric with natural dies -Illuminated manuscripts	Sculpture -Design and make space age design -Sainsbury Centre Trip Great Artists -Henry Moore -Hepworth
Design and Technology	-Use research & criteria to develop products which are fit for purpose and aimed at specific groups -Use annotated sketches, cross-section diagrams & computer-aided design -Analyse & evaluate existing products and improve own work -Use mechanical & electrical systems in own products, including programming -Cook savoury dishes for a healthy and varied diet	-Design and make bridges	-Design and make bird/bug box	-Food technology / war effort/ healthy foods/ Woolton Pie/ Dig for Victory	-Preserving food including making jam/ bread etc.	-Viking long boats	-Space buggy w/motor tech card and design outer and electrical circuit
Computing	-Design & write programs to solve problems -Use sequences, repetition, inputs, variables and outputs in programs -Detect and correct errors in programs -Understand uses of networks for collaboration & communication -Be discerning in evaluating digital content	Creativity	Communication / Collaboration	Productivity	Creativity	Communication / Collaboration	Productivity
	-Perform with control & expression solo & in ensembles -Improvise & compose using dimensions of music -Listen to detail and recall aurally -Use & understand basics of staff notation -Develop an understanding of the history of music, including great musicians and composers	-Parlour songs/ light music -Look at the piano as focus instrument -Famous composers -Music Hall	-Peter and the Wolf -Timbre and orchestral instruments -Notation	-War time songs/ We'll meet again etc.	-Egyptian tone poems -Graphic scores	-Songs about water -Chanting -Rhythms for rowing etc -Class orchestra -Notation	-Moon landings composition -SFX and ipads -Holst Planets
	-Use running, jumping, catching and throwing in isolation and in combination -Play competitive games, applying basic principles -Develop flexibility & control in gym, dance & athletics -Take part in Outdoor & Adventurous activities Compare performances to achieve personal bests Swimming proficiency at 25m	Plans followed by Mrs Brookes and Mrs Taylor.	Plans followed by Mrs Brookes and Mrs Taylor.	Plans followed by Mrs Brookes and Mrs Taylor.	Plans followed by Mrs Brookes and Mrs Taylor.	Plans followed by Mrs Brookes and Mrs Taylor.	Plans followed by Mrs Brookes and Mrs Taylor.

Music	Use locally agreed syllabus			Use locally agreed syllabus				
PE	-Listen & engage -Engage in conversations, expressing opinions -Speaking in simple language& be understood -Develop appropriate pronunciation -Present ideas & information orally -Show understanding in simple reading -Adapt known language to create new ideas -Describe people, places & things -Understand basic grammar, e.g. gender				Multicultural Week			
RE	Use locally agreed syllabus	Use locally agreed syllabus						
MFL	-Listen & engage -Engage in conversations, expressing opinions -Speaking in simple language& be understood -Develop appropriate pronunciation -Present ideas & information orally -Show understanding in simple reading -Adapt known language to create new ideas -Describe people, places & things -Understand basic grammar, e.g. gender	Multicultural Week	Se	t 5	Multicultural Week	Se	t 6	