


**Heathfield Primary
Long-Term Plan 2020-21
Year 5**

	Heathfield Primary Long-Term Plan 2020-21 Year 5					
	Autumn 1 (7 weeks, 2 days)	Autumn 2 (7 weeks)	Spring 1 (6 weeks)	Spring 2 (5 weeks)	Summer 1 (6 weeks, 4 days)	Summer 2 (5 weeks, 4 days)
Learning Challenge Key Question(s)	Where are we in the universe? - Space	How can we use forces to remove the meteorite? - Hook is a rare meteorite landing and National history museum need help removing it.	Who are the Anglo-Saxons?	Should the rainforest be important to us all? - COVID GAPS: Deforestation – science More focus on rivers too - geog	Do all animals and plants start of life as an egg?	Could you be the next CSI? COVID GAPS: Extra homework task - science Evaporation and condensation in the water cycle - science
Geography			Anglo-Saxons: <u>YG objectives</u> Know the names of a number of European capitals <u>Wider NC coverage</u> Use 4- and 6-figure grid references on OS maps Use fieldwork to record and explain areas	Rainforest: <u>YG objectives</u> Know the names of, and locate, a number of South or North American countries Label Layers of a rainforest Know what deforestation means Know what is meant by biomes and what re the features of a specific biome Know how to use graphs to record features such as temperature or rainfall across the world <u>Wider NC coverage</u> Study a region of the Americas Understand latitude, longitude, Equator, hemispheres, tropics, polar circles and time zones Understand biomes, vegetation belts, land use, economic activity distribution of resources. etc.	Possible field work.	
History			Anglo-Saxons. Northern Saints. See non-core assessment objectives			
Science	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	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			Living things and their habitats/Animals inc. humans: Describe the life process of reproduction in some plants and animals. Describe the changes as humans develop to old age.	Properties and Changes of materials: 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.

	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. Touch on forces – gravity.	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.			Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.	Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution. Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. Demonstrate that dissolving, mixing and changes of state are reversible changes. 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.
RE	What is the Qur'an and why is it important to Muslims? What can we learn from visiting a Mosque?	What are the themes of Christmas?	What can we learn about Christian faith through studying the lives of northern saints? COVID GAPS: What can we learn about Christian symbols and beliefs by visiting churches?	Why is the last supper so important to Christians? COVID GAPS: Why is lent such an important period to Christians?	What can we find out about religious communities in our local area? (Do with visitors throughout the year as opposed to specific half-term)	What do Christians believe about God?
Art	Every picture tells a story: Painting / sculpture – day and night – earth's rotation. Beauty and the Beast Create art with messages - colour, line, form, 2D and 3D materials, mark making			Formal Elements: Rainforest art Colour, line, shape and form, tone, finding new ways to look at something, painting		Skills: Ink and salt pictures Improve mastery of technique using a wide range of materials
DT		Designing and making their own balloon powered car to test to destruction: Pupils explore and experiment with a range of different structures, forces and components involved in making a smaller force have a greater effect	Food for Valentine's Day Design and make biscuits for valentines – Create the packaging that would house the biscuit and advertising poster.		Using Sliders and Levers Children to create a booklet on lifecycles using 2 and 3 part sliders and levers.	
MFL (French)	Parts of the body	Family members	Animals and adjectives	Hobbies	Clothes	Transport

Music	Livin' On a Prayer – Bon Jovi.	Classroom Jazz 1. Christmas.	Make You Feel My Love.	Fresh Prince of Bel Air.	Dancing in the Street	Western Classical Music COVID GAPS: Sound Science topic to be covered within this music topic.
PE	Football.	Gymnastics.	Basketball.	Dance.	Athletics.	Orienteering.
PSHE	Citizenship and Economic Wellbeing: School Rules & Responsibilities Democracy Money Matters Environment Going Green	Relationships Education/Growing Up: My Body – Puberty Relationships Body image Feelings Anti-social behaviour Bullying/racism	Healthy Lifestyles: Keeping healthy Personal hygiene Diet and healthy eating	Healthy Lifestyles: Exercise Body image Emotional health and well being	Staying Safe: Internet safety Risk taking People who can help	Staying Safe: River safety First Aid Fire safety
Computing	Unit 5.1 Coding COVID GAPS: Replace with Coding Crash Course Unit.	Unit 5.3 Spreadsheets	Unit 5.4 Databases Unit 5.2 Online safety (and again in PSHE)	Unit 5.5 Game Creator	Unit 5.6 3D Modelling	Unit 5.7 Concept Maps
Linked Books or Stories	Cosmic		Beowulf	Picture books: The Great Kapok Tree, The Vanishing Rainforest.		
Trips &/or Experiences	Transition Days (03 & 04.09.20) w/c 14 th October. Residential 18 th – 20 th	Art Gallery – week 1 Virgin Money project Anti-Bullying Week (w/c 16 November)	Palace Green library Anglo-Saxon workshop World of Work Week (w/c. 08 February). Safer Internet Day (Tuesday 09 February)	Art Gallery – week 1 Reading week (w/c. 02.03.19) World Book Day (Thursday 04 March)		Art Gallery – week 1 Captain Chemistry possibly or CSI day (external provider? – see flagged emails)