

## Britannia Bridge Year 6 Long Term Plan 2023-24



	Autumn I	Autumn 2	Spring I	Spring 2	Sum	mer l	Summ	ner 2
Science	Living things and their habitats Classification of living things, including microorganisms. Learn the names and characteristics of the main groups used to classify animals, plants and microorganisms. Use a classification key and create their own key using yes/no questions. Conduct an experiment involving the respiration of yeast. Research who Carolus Linnaeus is and understand the importance of his standard classification system.	Electricity Construct simple series circuits and draw them using scientific symbols. Conduct investigations to determine how the voltage in a circuit affects the brightness of a bulb.	Animals inc humans Learn about the importance of the circulatory system and how it transports oxygen around our body. Learn about the heart and how it is an important muscle in our bodies and investigate how different activities can affect heart rate. Learn about being healthy and things they can do to lead a healthy lifestyle as well as learning about things that people do that can cause them to be unhealthy.	Evolution inherita Explore how animals adapted to the envir which they live. Lear adaptations occur of that may lead to a evolving. Conduct an the best bind beak. consider how certain occur in response to conditions. They will natural selection and to inheritance and h characteristics are parents and some a Consolidate previous fossilisation and und studying fossils has the theory of evolu	Ance and plants are ronment in in that over time and species experiment on They will in adaptations o environmental earn about d how this links ow some inherited from re not. s learning on eerstand how helped explain	Explore the wa behaves, includi reflection and Investigate the	ng light sources, shadows. e relationship sources, objects nd understand	Catch up/ enrichment
	P I 2 3 4 5 6 E P	I 2 3 4 5 E p	I 2 3 4 5 6 E p	1 2 3 4	56E p	1 2 3	456E	
History	Crime and Punishment (Post 1066 study) How has Crime and Punishment chan through time? Power, Conflict and Disaster Empire, monarchy, civilization, indust	°	WW2 (Post 1066 study/loca Why was the Battle of Britain a point for the United Kingdom in Power, Conflict and D Empire, monarchy, civ	significant turning World War Two? <b>Xsaster</b>				
	1 2 3 4 5 6 7	8	I 2 3 4 <b>5 6 7</b>	89	T			
Geography		Natural resources and climate change Concepts Place, Space, Scale, Human processes, Interdependence, Environmental impact, Sustainable development Look at settlements- what people need. Non renewable energy- power station locations in the UK. Renewable energy sources in the UK. Look at the what climate change, the causes, impact and action to reduce it.			ecor Goncepts: Pla Human Interde Environme Sustainable Look at the partners. exports. C Salvador wh From here and for people livi What is Fair th supermarket items locate	de and ce, Space, Scale, processes, spendence, ental impact, e development UK's main trade Imports and ase study- El at UK imports d the main issues ng in El Salvador. rade? Visit- local find fain trade where imported on map.	Rive Concepts: Place, Human process processes, En Impact, Sustainab The water cycle, h formed- erosion of The journey of a n source to mouth. rivers- deltas, trik meanders. Human River pollution. Cas Nile Field trip- Rive create sketch ma features and take features.	Space, Scale, ses, Physical vironmental le development ow rivers ane ow rivers and ind deposition. iver from Features of outaries and use of rivers. e study- River r Douglas ps, label

DT		Burgers Food & Nutrition The children will independently and confidently use the cooking skills such as slicing, dicing, beating, whisking, folding, sieving, rolling and grating. They will look at nutrition labels and help make informed healthy food choices. They will explore adding seasonsing/spices to bread dough and burgers to create new and interesting flavours. They will design, make and evaluate their own meat/meat free burger.		Programming And electrical /Inventions and achievements Children will focus on designing, developing, testing and prototyping computer- controlled electronic systems for rooms such as motion- sensor activated alarms, door buzzer entry systems and light sensors. They will also learn all about influential computer scientists through history who have shaped the world around us.		Bird Houses Structures Children will will research, design and make a bird box suitable for a specific bird. Using skills such as drawing 3-D diagrams and exploded diagrams, reading and measuring dimensions, planning and designing products to suit requirements, and using woodwork skills and tools.
Art	2D Drawing to 3D Making Drawing & Sketchbooks Explore how 2D drawings can be transformed to 3D objects. Work towards a sculptural outcome or a graphic design outcome.		Exploring Identity Surface and colour Discover how artists use layers and juxtaposition to create artwork which explores identity. Make your own layered portrait.		Take a Seat Working in Three Dimensions Explore how craftspeople and designers bring personality to their work.	
Computing	Digital citizenship- Online safety Make responsible choices when sharing online Know when and how to get help Critically evaluate and reject inappropriate representations online Be kind and respect others online Protect digital personality Know how to capture evidence of online bullying Common systems that regulate age-related content Promote health and well-being with regards to using technology	Digital literacy Be independent when choosing appropriate software to create content Creating work appropriate to audience Use video editing software	Computer science Focus: Variable - part of a program that can change Consolidation of algorithms, program, sequences, repeat and selection/conditional To know the different between an algorithm and a program To plan and program using a repeat To plan and program a quiz using selection Predict the outcome of the program and the implications of reordering the code Debug code when the outcome is not as expected To have an awareness of abstraction when programming Transfer skills between different software	Computer science Focus: Variable - part of a program that can change Introduction to 'Variable' Plan a program for a quiz using a variable Create a program for a quiz using variable To have an awareness of abstraction when programming Predict the outcome of the program and the implications of reordering the code Debug code when the outcome is not as expected To plan and program a game which includes repeat, selection/conditional and a variable for a younger audience Transfer skills between different software	Information technology Research: Alan Turing, how did he develop technology? Elon Musk - how he is developing technology? How to evaluate a website - 5 W's Understand copyright and how to cite references Maintaining privacy and updating app permissions What will technology look like in the future	Consolidation project for Digital Literacy Possible Project ideas: Literacy -create a short film about end of Primary school Science-Time elapse video about decomposition Computer Science- Game creation including writing instructions and marketing materials

Music		Fingal's Cave by Mendelssohn (Dynamics, pitch and texture: Coast) Appraising the work of Mendelssohn and further developing the skills of improvisation and composition.		Songs from WW2 Developing greater accuracy in pitch and control; identifying pitches within an octave when singing and using knowledge of pitch to develop confidence when singing in parts.		Baroque Exploring the music and composers of the Baroque Period and investigating the structural and stylistic features of their work
PE	Movement Gymnastics	Electricity Dance	Dance through the decades Dance	Netball- invasion games Games	Striking and Fielding games Games	Athletics Athletics
		Swimming catch up less	sons			
PSHCE	Being me in my world Goals, fears and worries for the future. Universal rights for all children but for many these aren't met. How their actions affect others locally and globally (compare to different communities). Make choices about their own behaviour and understand how rewards and consequences feel. Environmental issues (climate change, lack of water, over fishing) and name some problems with these. Debate an environmental issue to understand it from both sides.	Celebrating difference Different perceptions about what normal means. How being different could affect someone's life. Ways in which one person or a group can have power over another (being excluded). Reasons why people bully. People with disability that lead amazing lives. How difference can be a source of conflict or celebration.	Living in the wider world Raising Aspirations Programme Write a CV explaining the skills, experience and knowledge they have Dream jobs and realistic jobs Job interview strategies Identify the skills and knowledge that they need to get their 'dream job' in the future.	Healthy me Take responsibility for their health and make choices that benefit this. Different types of drugs and the effects on the body (liver + heart). Exploitation - breaking the law Joining gangs and the risks People's attitudes the mental health- being emotionally well Stress and the triggers of this and how it can result in alcohol and drug misuse.	<b>Relationships</b> Take care of their mental health. The different stages of grief and different types of loss. Recognise when people are trying to gain power. Judge whether something online is safe and helpful. Use technology positively and safely to communicate with their friends and family.	Changing me Self image and body image Physical and emotional well being Changes in girls and boys bodies during puberty. Sexual intercourse- conception and bables IVF Boyfriends/girlfriends- physical attraction Marriage Planned/forced marriages- illegal Having positive self -esteem and what they can do to develop it . Identify what they are looking forward to and what worries them about high school. •Taught by HH Kids
RE	Why, where and how do Hindus worship? Worship/places of worship	Can religions help to build a fair world? Caring for each other and the world	How are faith communities represented in the UK? Belonging	How do Christians Follow Jesus Worship/places of worship	Who has made a difference because of their beliefs? Inspiring people	Why do some people believe in life after death? Religious and secular beliefs
French	In my French house Describe a house, the different rooms and who lives there. Look at prepositions to explain where items are arranged in		Planning a holiday in France Learn to use a combination of present and near-future tenses, and become familiar with		A visit to a town in France Learning directional, transport and town vocabulary together with prepositional phrases,	

their bedrooms and consolidate the grammar and vocabulary they have learned by writing a letter to describe their family,	holiday-related vocabulary around packing a suitcase and planning a journey. They explore which	describe their journey to school, plan a trip to France and become tourist guides, creating a tourist leaflet, in
home and bedroom.	countries they might visit and why and research and	French, for their own local area.
	plan a holiday to France.	