

Notes Ans Project Title Updated Successfully

**JOHN HELLINS PRIMARY SCHOOL***Being the best we can be***Project Title : A Taste of the Orient - [2017 - Autumn - Year 5 - 5/6]**

Subject	Theme	Objective	Vocabulary	Resources
Art	Artists in history	To know about great artists, architects and designers in history.		
Art	Design - art techniques	To be able to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay].		
Art	Technical - sketch books	To be able to create sketch books to record their observations and use them to review and revisit ideas.		
Computing	Computing - algorithms (Theme)	To be able to use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.	design, write, debug, sequence, instructions, algorithm	Lego and Makey Makey
Computing	Computing - internet (Theme)	To understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.	search engine, online, e-safety, privacy, browse, hyperlink, bookmarks, internet, password, escape	Lego and Makey Makey

Computing	Computing - programs (Theme)	To be able to design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.	design, write, debug, sequence, instructions, algorithm	Lego and Makey Makey
Computing	Computing - safety (Theme)	To be able to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	password, privacy, virus, e-safety, social media, download, app, software, search engine	Lego and Makey Makey
Computing	Computing - search (Theme)	To be able to use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.	search bar, search engine, browse, retrieve, search, system	Lego and Makey Makey
Computing	Computing - variables (Theme)	To be able to use sequence, selection, and repetition in programs; work with variables and various forms of input and output.		Lego and Makey Makey
Cooking and Nutrition	Cooking (Theme)	To be able to prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.		
DT	Design - communicate a design	To be able to generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.		
DT	Design - research and develop a design	To be able to use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.	innovative, functional, appealing, fit for purpose, generate, develop, model, communicate, annotated, cross-sectional, prototypes, computer-aided, functional, aesthetic qualities, evaluate, strengthen, stiffen, reinforce, gears, pulleys, cams, levers, linkages, control	
DT	Evaluate - existing products	To be able to evaluate and investigate and analyse a range of existing products.		

DT	Make - use materials	To be able to select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.		
Geography	Comparing the UK	To understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America.		Globes Atlases and World Maps
Geography	Human	To know about human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.	settlement, energy, minerals	Globes Atlases and World Maps
History	Ancient Civilisations e.g. Egyptians	To know the achievements of the earliest civilizations “an overview of where and when the first civilizations appeared and a depth study of one of the following: Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of Ancient China.	empire, civilisation, parliament, peasantry, local, regional, national, cultural, military, economic, religious, social, Ancient Sumer, Indus Valley, Egypt, Shang Dynasty,	Egyptian artefacts
Music	Music - Listen (Theme)	To be able to listen with attention to detail and recall sounds with increasing aural memory.	timbre: descriptive language, accent, crescendo, decrescendo, dynamics, orchestra, tempo, unison	
Music	Music history (Theme)	To understand the history of music.	classical, alternative, blues, opera, country, rock, swing, rap, disco, reggae, jazz, popular	
PE	Athletics and gymnastics	To be able to develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics].	balance, co-ordination, agility, in-isolation, in combination, flexibility, strength, technique, control, balance, compare, improve, perform	
PE	Dance	To be able to perform dances using a range of movement patterns.		

PE	Running, jumping and throwing	To be able to use running, jumping, throwing and catching in isolation and in combination.	develop, tactics, attacking, defending, competitive,	
RE	Aut 1 Christianity	To understand the 10 commandments and if they are still relevant today		Cross, offertary plate, thurble
RE	Aut 1 Christianity	To understand how Christians show their belief in God in the 2020s - 2000 years after Jesus was on Earth		Cross, offertary plate, thurble
Science	Dissolving	To know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.	liquid, solid, solution, reaction, chemical	pipettes, magnifying glasses
Science	Irreversible changes	To be able to explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including.	reaction, chemical, irreversible, gas, solid, liquid.	pipettes, magnifying glasses
Science	Properties of materials	To be able 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.	hardness, solubility, transparency, conductivity, magnetic, solids, liquids, gases, mixture, filter, sieve, evaporating, separation, dissolving, changes, reversible, irreversible, chemical, physical,	pipettes, magnifying glasses
Science	Reversible changes	To be able to demonstrate that dissolving, mixing and changes of state are reversible changes.	reaction, change, structure, solid, liquid, gas.	pipettes, magnifying glasses

Notes : Our key question this term is 'What did the Shang Dynasty do for us? Our Superb Starter is a DT challenge looking at transport in China (where the Shang Dynasty ruled) and focusing on rickshaws and their construction. We will analyse their features and then build our own out of K-Nex. Our Mix-it-up-Middle is textile themed and we will be sewing in the Japanese style of Sashiko, which is where you embellish and repair old clothes that have rips and tears in them and improve them by adding

patches, stitching and other fabric. Our enthralling ending is a Japanese banquet day when we will be making and eating sushi and other Japanese foods, learning the art of origami, using our sewing skills to make fabric origami boxes and drawing Manga characters – a full day of learning! Our class reading books will include the ‘Firework Maker’s Daughter’ by Phillip Pullman and ‘Kensuke’s Kingdom’ by Michael Morpurgo, as well as other novels such as ‘Oranges in no man’s land’ and ‘The adventures of Edward Tulane’. There will be lots of opportunities for cross-curricular writing, such as in our study of the Shang Dynasty and the separation of materials in Science. The learning environment will be themed on China and Japan, comprising of a calm Japanese reading area, a dragon corner, displays showing history timelines and lots of hanging lanterns. During the term we will be using our coding skills to write and debug different programs using the scratch software, we will also be using the Microsoft Office package to ensure we have the skills needed in word processing and spreadsheets for secondary school and life beyond. In Cooking and Nutrition, we will be exploring a balanced diet and using different preparation and cooking techniques to create savoury dishes using potatoes from the plot and other foods that we will enjoy during our Oriental banquet in December. Our DT lessons will start by deconstructing forms of transport and finding out what makes them work, before then creating our own rickshaw. In our Art lessons we will be exploring colour and tones by mixing paints, before then exploring the art of Hokusai. We will then recreate a piece of his art using our new colour mixing techniques. We will then use our textiles skills by printing on fabric ‘Hokusai’s Wave’. We will then use our sewing skills to embellish this work and some of our old clothing with thread, felt and buttons in the Japanese style of Sashiko. We will also have a clay day creating our own Willow pattern inspired rice bowl, spoon and a chop stick rest. In our Science lessons we will look at how materials can be categorised, the differences between solids, liquids and gases and also chemical and physical changes – where possible we will be completing interactive experiments generating the WOW factor that we know Science can give us. In PE we will be active twice a week and will take part in a range of activities such as handball, dance, gymnastics and athletics. Our RE topics are Christianity and Hinduism, through these religions we will be exploring the Christian 10 commandments and how Christians show their belief on 2022, and also looking at the importance of the River Ganges to Hindus and compare their festivals with those of other religions. In Music we will be looking at the fast-growing K-Pop phenomenon, looking at how music can affect our mood and also looking at a timeline of different genres of music and comparing and contrasting them. In History we will be studying the Shang Dynasty and comparing their beliefs with those of other civilisations, we will also look at their greatest accomplishments and things that they created that we still can see and use today. In Geography we will look at the physical and human geography of China, including the different types of settlements it has and paying specific attention to its trade links. What a huge amount of knowledge to impart, I am so looking forward to teaching it – will we even have time for a half term! In Hodgkin Class we always ensure that the children have an amazing and fun experience, creating memories that will stay with them for a lifetime.
