



<p>Topic Name – Brunel Disposition Developing Contemplation: Being Curious and Valuing Knowledge</p> 	<p>Year Group - Year 2 Summer 2 Topic Purpose Question – Who was Brunel and why was he significant to British history?</p>	<p>Curriculum Coverage: Design Technology Topic Purpose – to acquire a broad range of od subject knowledge and draw on disciplines such as engineering. During the topic the children will develop the creative, technical and practical expertise needed to perform a task.</p>	<p>Class Novel: The Railway Children. Purpose- Topic specific vocabulary as well as being written by a classic author.</p>
<p>Links to previous topics. Year 1 Our Capital City</p> <p>Links to future topics. Year 5 Industry</p>	<p>Science Use of everyday materials Pupils should discuss the use of different everyday materials so that they become familiar with how some materials are used for more than one thing. They should think about the properties of materials that make them suitable and unsuitable for a particular purpose and they should be encouraged to think about unusual and creative uses for everyday materials.</p> <p>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular use. Activity: To collect images from a range of sources. Group the bridges and describe how they classified them. Think of different ways to classify the bridges. Classification could be materials, properties etc...</p> <p>Find out how shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching. Purpose Question: Love to Investigate – Can you make a paper bridge? Learn how we can make weak, flexible materials stronger and more rigid by changing their shape.</p> <p>Key Vocabulary: suitability, squashing, bending, twisting, stretching</p>	<p>History Event beyond living memory that are significant nationally and globally.</p> <p>The lives of significant individuals in the past who have contributed to national and international achievements.</p> <p>Activities: Plot Brunel’s life on a timeline. Purpose Question: Why were points in Brunel’s life significant to the world today?</p> <p>Research the life and work of Brunel and answer the following purpose questions: How did Brunel construct the Great Western Railway? What impact did the railway have on the UK today?</p> <p>Debate the pros and cons of the Great Western Railway. Purpose Questions: Did the Great Western railway change the lives of people in the 1830’s? Is the railway still significant today?</p> <p>What impact did Brunel’s designs have on the world today?</p> <p>Key Vocabulary: Brunel, railways, tunnels, significant, impact.</p>	<p>PE Games (Attack, Defend, Shoot Unit 2) led by the sports coach To throw different types of equipment. To move to space after passing the ball. To pass and move forward to a target with a partner. To position ourselves as a goalkeeper. To intercept a ball from a person on the other team. To use the skills we have developed in a competition.</p> <p>Key Vocabulary: rebound, aim, speed, direction, scoring, controlling, following, intercepting, tactics.</p> <p>Athletics (Run, Jump, Throw Unit 2) led by the class teacher To work individually to run over a longer distance. To develop strength and jump for height. To create power when throwing for distance. To use breathing techniques to be able to run more. To adapt our rolling style for different games. To listen to others and work as a team to achieve the highest score possible.</p> <p>Key vocabulary: Strength, distance, power, repetition, power, accuracy, agility, burn, stamina, fitness, persevere, tally, develop, lap, cooperate, compete.</p>
<p>Oracy</p>  <p>Physical Are you thinking about the speed and volume of your voice? Are you using gestures and expression to help make your point? Are you facing who you are speaking or listening to?</p> <p>Linguistic Are you using sentence stems to link others’ ideas? Are you using new and appropriate vocabulary?</p>	<p>Music Lead by Junior Jam during PPA</p> <p>Song writing with Glockenspiels. Lite Level 2</p>	<p>Geography Geographical skills and fieldwork Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage. Activity: Locate the famous tunnels and bridges from around the world and plot on a map.</p> <p>Use simple compass directions (North, South, East and West) and locational and directional language (e.g. near and far; left and right), to describe the location of features and routes on a map. Activity: Great Western Railway route – using a map which towns does it go through. Purpose Question: Why were the towns and cities which the Great Western Railway went through significant? Key Vocabulary: Continent, Ocean, Equator, Human feature, Landmarks, North, East, South, West.</p>	<p>Computing Programming B – programming quizzes Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions Create and debug simple programs Use logical reasoning to predict the behaviour of simple programs Use technology purposefully to create, organise, store, manipulate and retrieve digital content To choose a series of words that can be enacted as a sequence. To explain what happens when we change the order of instructions. To choose a series of commands that can be run as a program. To create and debug a program that I have written. To run a program on a device.</p> <p>Key Vocabulary: Sequence, command, program, run, start outcome, predict, blocks, Sprite, algorithm, blocks, design, debug, features, evaluate</p>
<p>DT Structure – strengthen and make a free standing bridge from paper to criteria.</p> <p>Design: Generating and communicating ideas using sketching and modelling. Learning about different types of structures, found in the natural world and in everyday objects.</p> <p>Make: Making a structure according to design criteria. Creating joints and structures from paper/card and tape. Building a strong and stiff structure by folding paper.</p> <p>Evaluate: Exploring the features of structures. Comparing the stability of different shapes. Testing the strength of own structures. Identifying the weakest part of a structure. Evaluating the strength, stiffness and stability of own structure.</p> <p>Key Vocabulary: Function, man-made, stable, stiff, strong, structure, test, weak, Arched bridge, Beam bridge, Suspension bridge, Truss bridge</p>		<p>RE Theme: Hajj</p> <p>Key Question: Does completing Hajj make a person a better Muslim?</p> <p>Religion: Islam</p> <p>Disposition: Being Accountable and Living with Integrity</p> <p>Key Vocabulary: Pilgrimage, Pillars of Islam, Hajj, mosque, Mecca</p>	<p>PSHE Changing me Life Cycles in Nature Growing from Young to Old Assertiveness</p> <p>Key Vocabulary: Change, Grow, Life cycle, Control, Baby, Adult, fully grown, Growing up, Old, Young, Change, Respect, Appearance, Physical, Touch, Texture, Cuddle, Hug, Squeeze, Like, Dislike, Acceptable, Unacceptable, Comfortable, Uncomfortable</p> 