

Medium term overview plan – Spring 1<sup>st</sup> half

Class: Voyager

Enquiry question	How does the natural force of water lead to ground breaking designs and ingenious constructions?					
Week beginning	6.1.20	13.1.20	20.1.20	27.1.20	3.2.20	10.2.20
Wow moments				We the curious and Bristol harbour visit		Bristol Expo
Thinking and learning skills	<i>Questioning</i>	<i>Making links</i>	<i>Creating and developing ideas</i>	<i>Analysing</i>	<i>Communicating</i>	<i>Evaluating</i>
Outdoor learning opportunities		Data collection	Bristol port visit	Water resistance experiment	Friction experiment	SPAG treasure hunt
PSHE Dreams and goals	Personal learning goals	Steps to success	My dream for the world	Helping to make a difference 1	Helping to make a difference 2	Recognising our achievements
English  Michael Morpurgo Kensuke's Kingdom	Story openings Setting description  Nouns  Suffixes ibly and ably	Instruction writing  Direct speech Modal verbs and adverbs for degrees of possibility  Orange words Orange words	Persuasive writing - book review  Commas to clarify and avoid ambiguity  sh spelt ti or ci ent	Narrative – writing a new chapter  Active and passive voice  sh spelt si or ssi ence	Non-chronological report – Bristol  Building cohesion across paragraphs  Silent letters ee spelt ei	Non-chronological report – trade  Semi colons and colons  ei and ie and, ance and ancy
Maths Weekly rapid recalls of maths facts, place value, four operations, fractions, decimals and % fluency, special numbers, number scales and number lines	Time Decimals – x and ÷ by 10, 100, 1000, 0.1 Decimal reasoning Decimal number lines Ordering decimal	Time Decimal - rounding and calculating with decimal numbers/ word problems  Prime numbers - reasoning	Statistics – bar line graphs, grouped data inc. solving problems Measures – length, mass and volume Converting Reading scales Varied fluency and reasoning	Statistics – line graphs inc. solving problems  Measure problems with decimals up to 3d.p.	Statistics – mean average and pie charts  Ratio and proportion problems	Statistics – pie charts and other graphs - explain questions  Assessment and mixed problems
Science	Forces acting on objects	Gravity	Air resistance	Water resistance	Friction	Mechanisms

Forces	I can identify scientific evidence that has been used to support or refute ideas or arguments	I can make my own decisions about what measurements to use, when to check them and explain why repeated measurements are important	I can make my own decisions about what measurements to use, when to check them and explain why repeated measurements are important	I can make my own decisions about what measurements to use, when to check them and explain why repeated measurements are important	I can make my own decisions about what measurements to use, when to check them and explain why repeated measurements are important	I can identify scientific evidence that has been used to support or refute ideas or arguments
<b>DT</b> Construct a new hydraulic bridge for Bristol – What’s in the local news?			Generating a design <i>Make products through stages of prototypes, making continual refinements.</i>	Investigation and research <i>Design with the user in mind, motivated by the service a product will offer.</i>	Testing, modelling and planning <i>Planning Develop a range of practical skills to create products</i>	Constructing and evaluating
<b>Computing</b> Handling Data 1 – CORE Answer My Questions	Interpreting and collecting data	Interrogating a database	Selecting data for an investigation			
<b>Geography</b> Global trade	How did trade get global?  I can use 4 and 6-figure grid references, a range of OS symbols. I can select maps for a purpose (including OS maps and comp. mapping), compare large scale maps	Food and global trade  I can use 4 and 6-figure grid references, a range of OS symbols. I can select maps for a purpose (including OS maps and comp. mapping), compare large scale maps	The global supply chain  I can use 4 and 6-figure grid references, a range of OS symbols. I can select maps for a purpose (including OS maps and comp. mapping), compare large scale maps	What does the UK export and to where?  I can observe, measure and record human and physical features by selecting from a range of methods including accurate sketch maps and	Investigating fair trade  I can observe, measure and record human and physical features by selecting from a range of methods including accurate sketch maps and plans, surveys,	Highest value exports  I can observe, measure and record human and physical features by selecting from a range of methods including accurate sketch maps and plans, surveys,

	and aerial photographs to locate countries and find features studied. I can use index/contents page of an atlas.	and aerial photographs to locate countries and find features studied. I can use index/contents page of an atlas.	and aerial photographs to locate countries and find features studied. I can use index/contents page of an atlas.	plans, surveys, questionnaires and a range of data collection techniques	questionnaires and a range of data collection techniques	questionnaires and a range of data collection techniques
<b>RE</b> Hinduism	What do Hindus believe about God?  I can locate where Hinduism originated	Ahisma  I can describe the principle of ahisma, karma and the law of karma	Do eternal truths exist?  I can describe the principle of ahisma, karma and the law of karma	Dharma  I can describe the principle of ahisma, karma and the law of karma	Law of Karma  I can describe the principle of ahisma, karma and the law of karma	Assessment
<b>Music</b> Composition: descriptive music of an event or scene in time	To revise note values and improvise rhythmic chants for a musical extract of a song about a Viking journey.  <i>To improvise rhythmic and melodic material.</i>	To create a melodic and rhythmic ostinato and chant for a Viking journey on a 'Dragon Ship'.  <i>To compose ideas / rhythmic and melodic material within musical structures.</i>	Analyse examples of descriptive (Programme music) by a famous composer/s. Identify musical elements and apply them to own music  <i>To identify features / understand and apply.</i>	Develop compositions to describe additional features, eg. sea, waves, wind, sails, oars, voices, etc.  <i>To recognise how musical elements are used in compositions / select and layer sounds to create a musical 'picture'.</i>	Notate compositional ideas with graphics or Western classical notation.  <i>Show music composed as layers or sound / Use a variety of notation for composing.</i>	Evaluate own / others' compositions.  To evaluate music using musical vocabulary / Use performance directions to add to work.
<b>PE</b> Gymnastics	Balance  I can critically analyse and	Travel  I can critically analyse and	Sequencing  I can critically analyse and	Flight  I can critically analyse and	Working together  I can critically analyse and	Performing  I can critically analyse and

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	evaluate quality of performance, prioritising learning and action that will lead to improvement.	evaluate quality of performance, prioritising learning and action that will lead to improvement.	evaluate quality of performance, prioritising learning and action that will lead to improvement.	evaluate quality of performance, prioritising learning and action that will lead to improvement.	evaluate quality of performance, prioritising learning and action that will lead to improvement.	evaluate quality of performance, prioritising learning and action that will lead to improvement.
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