


Science		History - The History of Birmingham		Geography		
		Key theme - Settlements				
Working scientifically	Knowledge	Concept	Knowledge	Concepts	Knowledge	
<p>Taps: Car Track</p> <p>Plan: Compare how things move on different surfaces</p> <p>Do: Make accurate measurements</p> <p>Record: In a bar chart</p> <p>Evaluate: Which surface has the most friction?</p> <p>Magnets: Observe how magnets attract or repel each other. Predict whether two magnets will attract or repel each other depending on which poles are facing. Experiment with the use of magnets and record their findings.</p>	<p>Forces What difference does a surface make to the way something moves?</p> <p>Magnets What is magnetism? Do you know that magnets can attract, repel each other and have two poles? Which materials are attracted to a magnet and which are not? Can magnets work at a distance?</p>	<p>Significant events and people</p> <p>What influential figures are from the area? (e.g. Joseph Chamberlain, James Watt, James Brindley, George Dixon)</p>	<p>What is the earliest record of a place called Birmingham? Why was it established?</p>	<p>Place</p> <p>Locate Birmingham on modern and historical maps.</p>		
		Context and chronology		Location		
		Similarity and difference		Geographical skills and field work	Use books, pictures and the internet as sources of information. Locate places on a map. Recognise human and physical changes over time.	
		Continuity and Change	What has remained the same over time in Birmingham, what has changed?			
Vocabulary Attract Motion Resistance Poles Gravity Magnet Mon-magnetic Friction	Position Repel magnetic Magnetic field Opposite Force Surface	Cause and Effect	How has daily life in the city changed over time? What influenced these changes?	Environment		
		Historical enquiry	How do we find out about the history of the area? What makes research effective? Visit to Birmingham Back to Back houses	Physical and human processes	Identify the human and physical changes they can see.	
		Vocabulary	Selly Oak, Birmingham, Bournville,	Vocabulary	Selly Oak, landmark, cities, atlas, map, human and physical changes, transport, canal, towpath, trade links	
Art and Design		 <p>Year 3</p> <p>Theme 2</p> <p>Can you feel the force?</p>		Music (Charanga)		
Artist/s	NA			Charanga	Theme 2	
Area of Study/activities	NA			Title	Three Little Birds The Dragon Song	
Vocabulary	NA			Style	Reggae A Pop song that tells a story	
Art form	NA			Theme	Reggae and animals Music from around the world, celebrating our differences and being kind to one another	
		Performance	Spring Concert/class assembly (see 'Charanga' for lesson planning)			

Design and Technology		Religious Education		MFL - French		PSHEC & Relationships		Computing		
Area	Mechanisms (wheels and axels)	Disposition	Content	Gramacri Unit 2/3 Family members Colours and numbers (See Gramacri planning for further information)		Concepts	Knowledge	Skills	Knowledge	
Brief	To design and make a vehicle (link science)	Participating and willing to lead	Worship			Relationships Change & Resilience Power Risk and safety	Know how to resolve differences.	Develop programs with sequences and simple loops, to express ideas or address a problem. Debug (identify and fix) errors in an algorithm or program that includes sequences and simple loops. Decompose (break down) the steps needed to solve a problem into a precise sequence of instructions. Work respectfully and responsibly with others online. Model daily processes by creating and following algorithms (sets of step-by-step instructions) to complete tasks.	Model the way programs store and manipulate data by using numbers or other symbols to represent information. Describe basic hardware and software problems using accurate terminology.	
Research	Investigate a range of existing vehicles (bikes, cars, vans etc), discussing their features, construction, purpose and intended users.		The story of the black stone				Describe emotional responses to events/actions and managing these responses.			
Design	<ul style="list-style-type: none"> Draw a fully labelled sketch/diagram of their product, including some measurements. Choose the materials/tools they will use, based on their suitability for the task. List the materials/ tools they will need. Indicate where mechanisms will go and explain how they will function Order the main stages of making. 	Being fair and just	Story of the temptation of Ibis Story of Adam and Eve (see Birmingham Agreed Syllabus for lesson planning)				Explain how their actions have consequences for themselves and others.			
Create	Construct their vehicle. Checking that it meets the design specifications.	Being accountable and living with integrity					They can describe actions that may be safe/unsafe Road safety e-safety			
Evaluate	Identify and discuss the strengths of their product. Identify any areas for development/ improvements that could be made.						Vocabulary Compromise Resolution Consequences emotions	Vocabulary Algorithm Bug Debugging Program Bug Persistence Programming Loop Repeat	Concept Logic Algorithms Decomposition Patterns Abstraction Debugging Persevering Abstraction Creating Tinkering Collaborating E-safety	
Vocabulary	Wheel, axel, design, vehicle, product, construct									
English							Maths			
Theme 2 Can You Feel the Force?							Number: Multiplication and Division Multiplication – equal groups Use arrays Multiples of 2 Multiples of 5 and 10 Sharing and grouping Multiply by 3			
Key Text	Linked Texts	Outcomes	Speaking and listening	Genre	Purpose /Audience					

Coming to Birmingham (chapter book) Floella Benjamin	Journey tale examples	Write a journey tale of a child coming to live in Birmingham	Act out characters upon arriving in the UK. Focus upon positive and negative impressions.	Fiction	Writing to entertain/Floella Benjamin	<p>Divide by 3 The 3 times-table Multiply by 4 10 Divide by 4 The 4 times-table Multiply by 8 Divide by 8 Step The 8 times-table The 2, 4 and 8 times-tables Multiples of 10 Related calculations Reasoning about multiplication Multiply a 2-digit number by a 1-digit number – no exchange Multiply a 2-digit number by a 1-digit number – with exchange Link multiplication and division Divide a 2-digit number by a 1-digit number – no exchange Divide a 2-digit number by a 1-digit number – flexible partitioning Divide a 2-digit number by a 1-digit number – with remainders Scaling How many ways?</p> <p>Measurement: Length and perimeter Measure in metres and centimetres Measure in millimetres Measure in centimetres and millimetres Metres, centimetres and millimetres Equivalent lengths (metres and centimetres) Equivalent lengths (centimetres and millimetres) Compare lengths Step 8 Add lengths Subtract lengths What is perimeter? Measure perimeter Calculate perimeter</p>
This is Birmingham Jan Bowman	How to spend a weekend in Birmingham – Rough Guides https://www.roughguides.com/articles/creativity-consumerism-how-to-spend-a-weekend-in-birmingham-england/ A Walk in London Salvatore Rubbino	Write a hybrid text about Birmingham e.g. vlog and fact file using formal and informal tone	Interview 'Brummies' or visitors to Birmingham to explore viewpoint and possible bias	Non Fiction	Writing to inform and persuade/Rough Guide	
Little People-Big Dreams (Any) Maria Isabel Sanchez Vegara	Grammarsaurus Examples of biography	Write a biography based on one of the golden statue 3 or another significant 'Brummie'	Share most interesting facts about significant person/hot seating	Non fiction	Writing to inform/Birmingham History Forum	
Grammar	Use multi-clause sentences particularly when, while, although, where Adverbials, drip in: using speech Expressing time, place and cause using conjunctions, adverbs or prepositions. Using fronted adverbials. Paragraphs as a way to group related material. A/an. Using nouns/pronouns appropriately.					
Punctuation	Y2 punctuation. Inverted commas to punctuate direct speech. Formation of nouns					
Spelling	Suffix -ly, possessive apostrophe with plural words. Word lists for Y1/2 and Y3/4					