


Science		History (Geography Theme)		Geography	
Working scientifically	Knowledge	Concept	Knowledge	Concepts	Knowledge
Taps: Conductors and insulators Plan: A comparative and fair test Do: Make predictions Test circuits with a variety of possible conductors. Record: Present findings and conclusions using labelled diagrams	Sound How are sounds made? (vibration) How do vibrations travel? Are there patterns between the volume of a sound and the strength of the vibration? What happens to sound as the distance from the sound source increases? Electricity What common appliances run on electricity? What are the different parts to a circuit? (cell, wires, bulbs, switches and buzzers) How does a switch work and will this light a lamp in a simple series circuit? What are common conductors and isolators? What are good conductors? Visit to Think Tank			Place	How does this area compare to the West Midlands in the UK and to a region of a European country (linked to pupils in the class)? What are the similarities and differences?
				Location	Can I locate North America, California, West Midlands and the European country discussed on a map?
				Geographical skills and field work	Ask and respond to questions and offer their own ideas Use books, pictures, internet, atlases, satellite images and aerial photographs as sources of information Investigate places at more than one scale Collect and record evidence, draw conclusions and make comparisons Use letter/no coordinates to locate features on a map confidently Locate places on a large scale map/globe Begin to identify significant places and environments
Vocabulary Wires Cell conductor	Vibration Appliances Travel Circuit Sound			Environment	
				Physical and human processes	What are the key physical and human features of California in North America? What is an earthquake? Why does this area have earthquakes? How many volcanic eruptions have there been in California? What is a volcano and why do they erupt?
				Vocabulary	North America, West Midlands, Europe, California, human and physical features, earthquakes, volcanoes, eruptions
Art and Design		 Year 4 Theme 3 What's that sound?		Music (Charanga)	
Artist/s	NA			Charanga	Theme 3
Area of Study/activities	NA			Title	Flute Step 5/6
Vocabulary	NA			Style	Instrument tuition from Services for Education
Art form	NA			Performance	flute concert

Design and Technology		Religious Education		MFL - French		PSHEC & Relationships		Computing	
Area	Mechanisms (electrical systems)	Disposition	Content	Gramacri French Units 8/9 My Body Clothes and Stories (See Gramacri planning for further information)		Concepts	Knowledge	Skills	Knowledge
Brief	Design and make a warning alarm	Being merciful and forgiving	The story of the unforgiving servant The Easter story			Economic wellbeing	Fair trade Share their opinion on spending choices and when it might be better to save.	To recognise that digital images can be manipulated. To recognise that digital images can be changed for different purpose. To choose the most appropriate tool for a particular purpose. To consider the impact of changes made on the quality of the image.	To use an application to change the whole of a digital image. To use an application to change part of a digital image. To change the composition of a digital image by rotating and flipping. To change the composition of a digital image by cropping. To adjust colours of a digital image. To apply filters and effects to a digital image. To select part of a digital image. To use clone, copy, and paste to change the composition of a digital image. To use cloning to retouch a digital image. To add text to a digital image.
Research	How are people warned in the event of an emergency? Discuss various alarms, i.e. fire alarm, ambulance blue lights, warning sirens etc. Learn about key people who have designed these.	Responding to suffering	Zahah The Golden rule			Relationships	Relationships, family, marriage, community, friendships. Identify different types of relationships and show ways to maintain good relationships.		
Design	Using their knowledge of basic electrical circuits design an alarm system to warn about an incident/event. <ul style="list-style-type: none"> Draw a fully labelled sketch/diagram of their product, including some measurements. Indicate where electrical components will go and briefly explain how they will function. Choose the materials/tools they will use, based on their suitability for the task. 	Living by rules	Ten commandments Salah (See Birmingham Agreed Syllabus for lesson planning)			Health	To know what would be a healthy meal Describe a healthy diet.		
Create	Create their alarm, testing and modifying as they work.					Vocabulary	Relationships Community Diet Fair trade		
Evaluate	Discuss whether the product meets the requirements of the brief/the needs of the user – is it fit for purpose?							Vocab Crop Adjustments Effects Hue Saturation Sepia Retouch Clone Combine	Key Concepts Creating Evaluation Tinkering Persevering
Vocabulary	Alarm, emergency, components, circuit, designer								
English						Maths			
Key Text	Linked Texts	Outcomes	Speaking and listening	Genre	Purpose/ Audience	Number – Fractions Understand the whole Count beyond 1			

Egyptian Cinderella Shirley Climo	Bob Cox – A Power Struggle The Frost, the Sun and the Wind folk tale. The Little Blue Slipepr Jude Daly	Write a rags to riches tale that includes personifying the human and physical geography of Birmingham/California. TOOLKIT: Speech	Role play conversations between characters. Revisit character development	Fiction	Writing to Entertain Mrs Rudd	<p>Partition a mixed number Number lines with mixed numbers Compare and order mixed numbers Understand improper fractions Convert mixed numbers to improper fractions Convert improper fractions to mixed numbers Equivalent fractions on a number line Equivalent fraction families Add two or more fractions Add fractions and mixed numbers Subtract two fractions Subtract from whole amounts Subtract from mixed numbers</p> <p>Number – Decimals Tenths as fractions Tenths as decimals Tenths on a place value chart Tenths on a number line Divide a 1-digit number by 10 Divide a 2-digit number by 10 Hundredths as fractions Hundredths as decimals Hundredths on a place value chart Divide a 1- or 2-digit number by 100 Make a whole with tenths Make a whole with hundredths Partition decimals Flexibly partition decimals Compare decimals Order decimals Round to the nearest whole number Halves and quarters as decimals</p>
Pop Up Volcano Tom Valliant	Until I Met Dudley Roger McGough Fact Planet: Volcanoes Izzy Howell 21 Balloons William Pere du Bois Grammarsaurus	Write a hybrid (one imagined and one real) explanation of how a volcano works	Cause and effect games to practise sentence patterns for writing e.g. The 500 tardigrades in the centre of the earth ate 100 cans of baked beans each. As a consequence, there was a huge build up of gas.	Non-fiction	Writing to Inform Class display	
Wind Dionne Brand	I Pulled a Hummingbird out of the Sky Bob Cox	Write a powerful poem about earthquakes	Performing poem with fluency and expression – link to Skills Builder.	Fiction	Writing to entertain Year 4	
Grammar	Some other sentences, Noun, which, who sentence Conjunctions, Ordering information Alan Peat's Double ly ending, Comparatives/ superlatives Ing/Ed clauses, Dialogue Repetition to persuade Using speech correctly, conjunctions, adverbs and prepositions to express time and cause, correct use of adverbs, writing using correct tense					
Punctuation	Full punctuation for direct speech. Commas to mark clauses and to mark off fronted adverbials					
Spellings	Spring 2 Purple Mash spelling scheme					