




Sapphire Class Topic Web 2020-2021 Term 1 – The Sound Collector (Cycle A)

<p>Maths</p> <p>Number – Place value Multiples; place value; identifying representing & estimating numbers up to 1000; number problems; practical problems; 1000 more or less; counting backwards; negative numbers; ordering & comparing; rounding up and down; Roman numerals</p> <p>Addition & Subtraction Add and subtract numbers up to 4 digits; inverse operations; two-step problems</p>	<p>English</p> <p>Read books that are structured in different ways and read for a range of purposes using the poem 'The Sound Collector' by Roger McGough as a source of inspiration write for a range of purposes including poetry, play writing, story writing and newspaper reports use a range of punctuation and cohesive devices</p> <p>Plan, write, evaluate and edit writing and help others to do the same</p>	<p>Science – Sound</p> <p>How sounds are made; how vibrations from sounds travel; patterns between the pitch of a sound & features of the object that produced it; patterns between the volume of a sound & the strength of the vibrations that produced it; sounds get fainter as the distance from the sound source increases</p> 
<p>Computing – Free Coding Exploration using Scratch To Code (using Scratch) Motion; Looks; Sound; Control; Draw; Events; IF THEN conditions to control events or objects; Sensing; variables & Lists; Operators; key phrases in search engines; autocomplete; the internet; 'belief', an 'opinion' and a 'fact'</p> 	<p>PSHE – Being Me in My World Self-worth; positivity; achievements; personal goals; new challenges; responsible choices; asking for help; why rules are needed; rights & responsibilities; the effect of actions; responsible choices; other points of view; likes & interests; communication; risks of communicating online; people's feelings; online trust & information; bullying. Rules.</p> 	<p>DT – Electrical systems Design – information sources; annotated sketches, lists and CAD; sequence of actions; assemble and rearrange a range of materials and components. Technical Knowledge – create models with electrical systems – switches, bulbs, buzzers. Evaluation; evaluate against design criteria</p> 
<p>Music – Mamma Mia – pop music, singing and playing Sing from memory with accurate pitch; sing in tune; maintain a simple part within a group; pronounce words within a song clearly. Show control of voice; play notes on an instrument; perform with control; evaluate music using musical vocabulary; understand layers of sounds & discuss.</p> 	<p>R.E – Bar Mitzvah Identify religious artefacts; explain how & why they are used. Describe religious buildings. Explain some of the religious practices of both clerics and individuals</p>  <p>P.E – Dance Plan, perform and repeat sequences. Move in a clear, fluent & expressive manner. Refine movements into sequences. Create dances and movements that convey a definite idea. Change speed and levels within a performance. Develop physical strength & suppleness by practising moves & stretching.</p>	<p>MFL – All About Me Ask & answer simple questions & talk about interests. Ask others to repeat words or phrases if necessary.</p> 