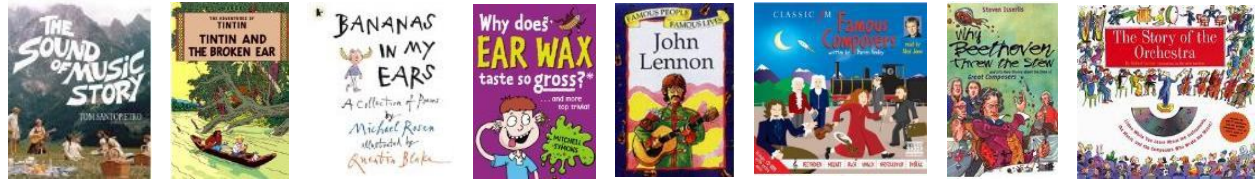





Autumn	
Autumn 1 – The Sound of Music	Autumn 2 – Taking Control
<p><b>In our first Autumn term, we will focus upon:</b></p> <ul style="list-style-type: none"> <li>☑ Musical instruments , the different sounds the make and the composition and effects of each instrument</li> <li>☑ Famous musicians, musicals, plays, theatre productions</li> <li>☑ Investigating different ways to change the sounds you hear and how sounds are made</li> <li>☑ Learn about dangers to our ears and the damage that can occur</li> <li>• Learn about people who are hearing impaired and how they adapt – the inventions that they utilise</li> <li>☑ Investigate the change in sound with increased distance</li> <li>☑ Compose and perform ensemble pieces of music using voices and instruments</li> </ul>	<p><b>In our second Autumn term, we will focus upon:</b></p> <ul style="list-style-type: none"> <li>• Controlling computers using everyday objects (e.g. potato clock)</li> <li>• Conductors and insulators</li> <li>• Interesting and useful device group challenge</li> <li>• Evaluation and refine of products designed</li> <li>• Construct circuits and investigate effects of adding different components</li> <li>• Present data from investigations using computer software</li> <li>• Control products using a range of different sources of ICT</li> </ul>
	
Spring	
Spring 1 – Rocking Romans	Spring 2 – Transport and Trade
<p><b>In the first half of the Spring term we will focus upon:</b></p> <ul style="list-style-type: none"> <li>• The Roman Empire</li> <li>• Mosaics, art, culture, design and clothing designs from the Romans</li> <li>• Rocks and Materials</li> <li>• Solids, liquids and gases – how to classify, their uses and their adaptations</li> <li>• Evidence of how Romans lived using different sources – investigate the validity of these sources</li> <li>• Roman numerals – their uses today</li> </ul>	<p><b>In the second half of the Spring term, we will focus upon:</b></p> <ul style="list-style-type: none"> <li>• Types of transport across the world and into space</li> <li>• Animals and carts used during the Stone, Bronze and Iron ages</li> <li>• Adaptations in transport and trade throughout history</li> <li>• Changes in expertise, location and use of materials</li> <li>• Design and build own vehicle for a particular use – evaluate and determine adaptations</li> <li>• Collect data on the types of transport used throughout history</li> </ul>
	
Summer	
Summer 1 – Reduce, Reuse, Recycle	Summer 2 – Raging Rivers & Class Interests
<p><b>In the first half of our Summer term, we will focus upon:</b></p> <ul style="list-style-type: none"> <li>• The digestive system in humans and animals</li> <li>• Different types of teeth that humans and animals have and their uses</li> <li>• Producers, consumers, predators and prey – food chains</li> <li>• Recycling waste / Non/biodegradable products – their effects on the environment</li> <li>• Compost and materials going back into the earth</li> <li>• Carbon footprint</li> </ul>	<p><b>In the second half of our Summer term, we will focus upon:</b></p> <ul style="list-style-type: none"> <li>☑ Using classification to identify different living and non-living things in the local area</li> <li>☑ Recognise the effects of changing environment on living things</li> <li>☑ Effects of heating and cooling on materials, land and the waters that surround them</li> <li>• Water cycle – condensation and evaporation</li> <li>☑ Design a river rapid computer game and present it using ICT</li> </ul>
