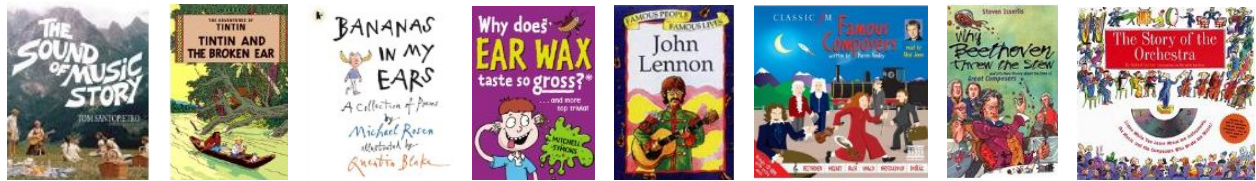


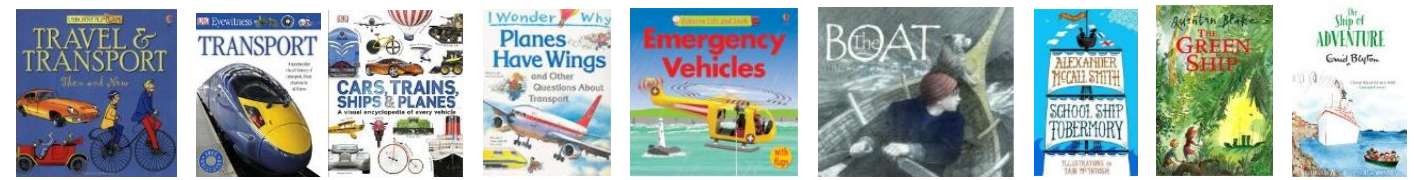


Autumn	
Autumn 1 – The Sound of Music	Autumn 2 – Taking Control
<p>In our first Autumn term, we will focus upon:</p> <ul style="list-style-type: none"> • Musical instruments , the different sounds the make and the composition and effects of each instrument • Famous musicians, musicals, plays, theatre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