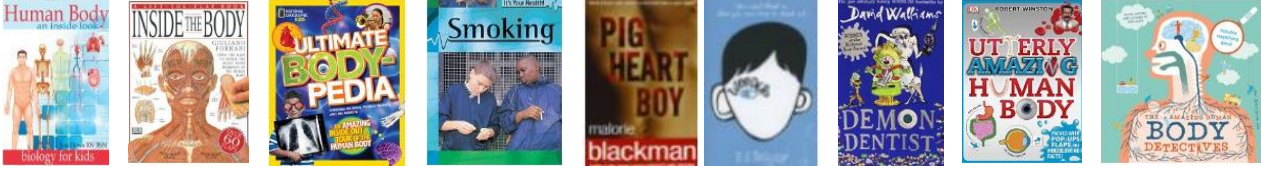


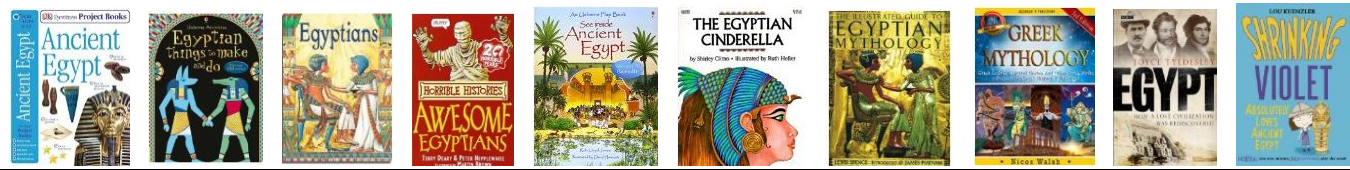


Autumn	
Autumn 1 – Inside Out	Autumn 2 – To Infinity and Beyond
<p>In the first half of the Autumn term we will focus upon:</p> <ul style="list-style-type: none"> Learn about the main organs of the body, drawing scientific diagrams of how the different systems work Dissecting animals organs to learn more about their features and draw cross sections of our findings Controlled experiment on the effects of exercise on different people in the class – analyse and interpret results using ICT Learn about the effects of drugs on the body Problems with different organs – diseases, cancer and other issues 	<p>In the second half of the Autumn term, we will focus upon:</p> <ul style="list-style-type: none"> Investigate light used in reflections, shadows and everyday uses of light on today's society Life in space – the changes that you need to make to adapt to no gravity Space travel – brochures leaflets designed and made using ICT, children to explore cost analysis of space travel Life beyond our solar system Extra-terrestrial life and aliens Adaptations of humans and other animals
	
Spring	
Spring 1 – Iron Man	Spring 2 – Walk like an Egyptian
<p>In the first half of the Spring term we will focus upon:</p> <ul style="list-style-type: none"> Changes in Britain from the Stone Age to Iron Age Types of settlement Electricity and magnetism/magnetic materials Interpret past events relating to inventions and ideas – placing them in chronological order 	<p>In the second half of the Spring term, we will focus upon:</p> <ul style="list-style-type: none"> Differences in lives of rich and poor throughout British history Differences in lives of rich and poor throughout some ancient civilisations Comparisons of food, housing, clothes, jewellery, burial, transport, entertainment differing as a result of status Discover how some people have been controlled by others such as slaves Investigating reforms which helped the lives of everyone (e.g. NHS)
	
Summer	
Summer 1 – Bollywood	Summer 2 – Sun, Sea and Sand
<p>In the first half of our Summer term, we will focus upon:</p> <ul style="list-style-type: none"> 3D sculptures – children create their own Hinduism and celebrations Dance as a form of expression – matched with different music for different effects Animation – history of cinema, technology and photography History of Bollywood Recounts from stories from different cultures Light, shadow, reflections, colours and the human eye Investigating the effect of components on the brightness of a lamp or the volume of a buzzer – drawing a scientific diagram to represent this 	<p>In the second half of our Summer term, we will focus upon:</p> <ul style="list-style-type: none"> Learn about the formation of fossil and how we use them to learn about history of animals and life Classifying animals and plants under the sea Scuba diving, increases in pressure and the effects on the body Deep sea life – unknown to us How is sand made – how can sand be changed into glass – uses of glass Effects of sun on the human body – how to protect ourselves Mixing light and water – the effects
