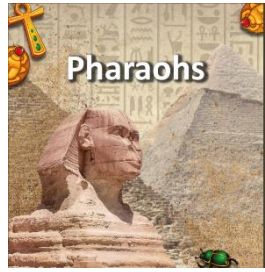
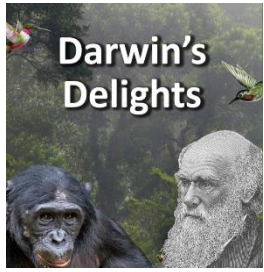
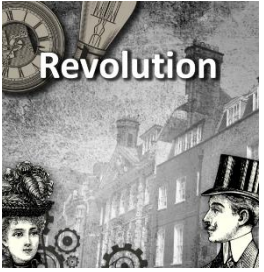
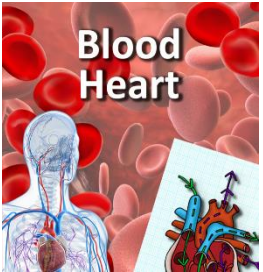
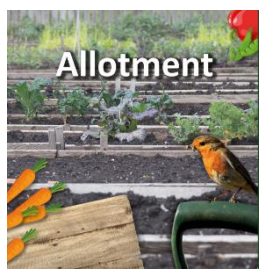
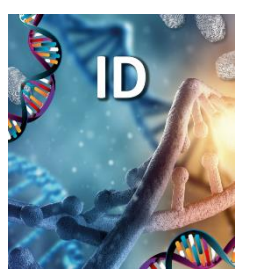
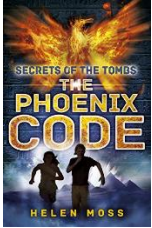
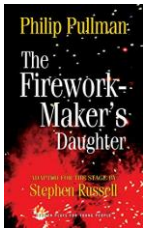
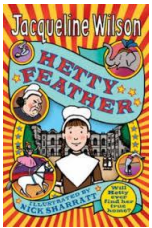
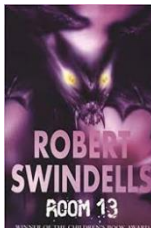












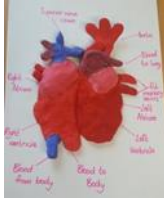


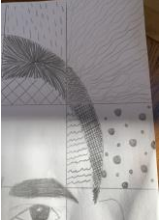


Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Project						
Project focus	History	Science	History	Science	Geography	Science
Breadth of Project	Ancient Egypt, kings, queens and the 'mummy's curse'!	Evolution and inheritance, Darwin's discoveries and genetics	The Victorians, everyday life and Queen Victoria's reign	Dissection, the heart, blood and circulation	Gardening, growing and farming	Human features, personalities and developing an identity
Core Texts						
	The Phoenix Code – Helen Moss	The Firework Maker's daughter – Phillip Pullman	Hetty Feather – Jacqueline Wilson	Room 13 – Robert Swindalls	Stig of The Dump – Clive King	Skellig – David Almond
Memorable Experience	Children will mummify a fish following the Ancient Egyptian procedure	Children will investigate a range of live and dead animal specimens	Children will visit a Victorian classroom to experience what life was like for children in Victorian times	Children will dissect a heart after a visit from a surgeon.	Visiting local Allotments to pick produce	Children, working with Police, will solve the crime of "The Missing Chewits"
Community Links						

English	<p>A description of the Valley of the Kings A description of the night Andrew couldn't sleep A diary entry written in role as protagonist Ryan Flint/Andrew Marcus A contrasting diary entry written in role as protagonist Ryan Flint /Andrew Marcus A diary entry of a Pharaoh A letter from Ryan Flint to his mum A letter to a pharaoh A letter to Ryan Flint from his mum A letter in role as a pharaoh</p>	<p>Rewriting from another character's point of view Extra Chapter Alternative ending Persuasive speech - why should you decrease your screen time?</p>	<p>Retell the story from another characters point of view Personification poetry Non-chronological report on The Victorians</p>	<p>Spooky character description Suspense writing A five part short story of a character overcoming a fear or phobia Biography Dracula poetry</p>	<p>Write Barney's diary for the day he met Stig Prequel - Where did Stig come from? Newspaper report Ape man spotted in Leeds (Serious) Newspaper report Ape man spotted in Leeds (humorous)</p>	<p>Unusual character description and setting Character description about Mina Debating topical issues</p>
Maths	<p>Place Value: up to 1,000,000 Addition and Subtraction: whole numbers using the column method up to 4 digits checking with the inverse operation Statistics Read and interpret line graphs, two way tables and timetables</p>	<p>Multiplication and division Multiply and divide whole numbers by 10, 100 and 1000. Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. Perimeter and Area Measure and calculate the perimeter and area of composite rectilinear shapes in cm and m, cm² and m²</p>	<p>Multiplication and Division Multiply and divide up to 4 digits by a 1 or 2 digit number using long multiplication and short division Fractions Compare and order fractions Identify, name and write equivalent fractions Recognise mixed numbers and improper fractions Add and subtract fractions with the same denominator and denominators that are multiples of the same number.</p>	<p>Fractions Multiply proper fractions and mixed numbers by whole numbers. Decimals and Percentages Read, write, order and compare numbers with up to three decimal places.</p>	<p>Decimals Solve problems involving number up to three decimal places. Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 Properties of Shape Measure angles in degrees with a protractor Calculate angles and lengths of regular and irregular polygons</p>	<p>Position and Direction Reflection and translation with coordinates Measurement: Converting Units Convert between different units of metric and imperial measure Measurement: Volume Compare and estimate volume and capacity</p>
Science	<p>Light Children will build on the work on light in year 3, exploring the way that light behaves, including light sources, reflection and shadows. They will talk about what happens and make predictions.</p>	<p>Evolution and Inheritance. Living things and their habitats Children will learn how animals are adapted to their habitats. They will find out about natural and artificial selection and understand the Theory of Evolution.</p>	<p>Electricity Children will learn to make their own incandescent lightbulb just like Thomas Edison. They will learn to make conventional electric circuits</p>	<p>Human Circulatory System, measuring heart rate and lifestyle effects Children will find out about the components and functions of the heart and blood. They will recognise the damaging effect drugs can have on the body.</p>	<p>Plant Reproduction and lifecycles Children will learn about biodegradable materials in the soil. They will explore the germination rate of seeds. They will grow a variety of different fruits and vegetables, explore, and dissect flowering plants.</p>	<p>Classification, families and Inheritance Children will devise a classification key on genetic characteristics of the whole class. They will learn about fingerprints and DNA.</p>

Science – Love to Investigate	How does light travel? Children will use mirrors and lasers to observe light travelling in straight lines.	Why do birds have different beaks? Children will recreate how birds eat by using different tools to pick up food. They will use their results to assess how birds’ beaks have adapted to eat specific types of food.	Can fruit light a bulb? Children will work with different fruit and vegetables to investigate how they can act as batteries capable of powering a circuit	What can your heart rate tell you? Children will investigate the relationship between heart rate and running speed by collecting data and drawing scatter graphs	How many potatoes can you grow? Children will learn about the different structures that plants use to reproduce and observe how potatoes grow.	Why are things classified? Children will learn about the principles of classification and create their own keys to classify each other.
DT	Cooking Children will learn how to cook Egyptian flatbread  Designing and Making Children to make Egyptian Nemes 		Sewing Children will sew a Victorian Sampler using cross stitch  Designing and making Children will design and make a Victorian Slum 	Cooking and Nutrition Children will research recipes to make heart healthy food. 	Cooking and Nutrition Children will use food brought back from the allotment to make a herby salad 	
History	Ancient Egyptians Children will learn when and how the Ancient Egyptian civilisation started. They will learn about the role of the pharaoh and the importance of the afterlife. Children will learn about everyday life in Ancient Egypt	Significant Individuals – Charles Darwin Children will learn how he came to be part of the scientific expedition on HMS Beagle and why it was so significant to his theory of evolution.	The Victorians Children will use a variety of sources to investigate and compare the lives of poor and rich Victorian children. They will learn about Queen Victoria, her reign and life and death. Children will learn about Victorian slums and crime and punishment. They will also learn about the industrial revolution.			

Geography	Egypt Children will learn how to locate Egypt on a world map. They will learn about the River Nile and how Egyptians used the river then and now	Islands of The World Children will learn to use physical maps to plot the route Darwin took on HMS Beagle. They will identify the Galapagos Islands and find out about human activity, habitat and climate change.	Cities and Transport in Victorian times Children will identify roads, railways and other transport links. Children will locate various Victorian landmarks on maps of London		Land use, food origin, climate Children will learn about different climates across the world and which foods are grown where.	Local Community Children will compare and contrast their locality to New York, Tokyo and the African plains
Computing	Esafety, research skills and data collecting Children will conduct research about the Pharaohs. Children will learn how to collect data on weather	Esafety and Apps Children will learn how to use the Face Film App to create an animation showing the evolution of humans.	Esafety and Photography Children will take digital photos of individuals or groups in Victorian dress, arranged in front of their backdrop. Use software to create sepia effect prints.	Esafety, Diagrams and Flowcharts Make a flow diagram to illustrate the circulation process. Children will create a stop motion animation to show how blood cells, water and nutrients are transported around the body	Esafety and animation Children to create a stop motion animation of seed dispersal	Esafety and Coding Children will learn to debug through coding
Art	Observational drawing colour Children will use draw artefact adding detail and colour. 	Observational drawing of plants, flowers and trees – colour Children will sketch plants, flowers and trees, looking carefully to accurately capture their shape, form, pattern and colour  Observational Drawing of shells – Ink 	Printing Children will look at the work of the artist, William Morris, making detailed sketches of his wallpapers and fabric prints then transferring them onto print blocks. 	3D Modelling Children will use clay to make a model of the heart.  Painting Children will use paint to make an abstract red heart. 	Drawing and Painting Children will produce observational drawings using pencil, charcoal, paints and pastels. 	Photography Children to use techniques to splice portrait photographs of others using elements of Art. 

Music	Guitars Children will learn the chords and how to play songs on a tuned instrument.	Guitars Children will learn the chords and how to play songs on a tuned instrument.	Guitars Children will learn the chords and how to play songs on a tuned instrument. Singing Children will learn Victorian Parlour songs	Guitars Children will learn the chords and how to play songs on a tuned instrument. Composition Children will create a rap about the heart	Guitars Children will learn the chords and how to play songs on a tuned instrument.	Guitars Children will learn the chords and how to play songs on a tuned instrument.
PE & Sport	Gymnastics Working with a partner going over and under each other and apparatus Netball Learn to play a high 5/netball related game Swimming Children will follow Swim England School Swimming Framework Awards	Dance Learn the Haka, moving, performing and chanting together Dodgeball Understanding the rules of dodgeball and developing the techniques needed to play Swimming Children will follow Swim England School Swimming Framework Awards	Basketball Children to understand the rules of basketball, communicating effectively as a team. Gymnastics Perform matching and mirroring moves with a partner Swimming Children will follow Swim England School Swimming Framework Awards	Health Related Fitness Children to understand the benefits of regular exercise, showing determination and resilience Tennis Children learn how to use tactics against an opponent Swimming Children will follow Swim England School Swimming Framework Awards	Basketball Develop understanding of zonal and man-to-man defending. Show understanding of all techniques learned Tag Rugby Children develop passing and moving in a game scenario Swimming Children will follow Swim England School Swimming Framework Awards	Athletics Learn the correct triple jump technique Outdoor and adventurous activities Learn how to work with a partner to solve problems and obstacles Swimming Children will follow Swim England School Swimming Framework Awards
RE	Islam Key question: Key Question - Why are some places and journeys special? Children will learn about special places, pilgrimage and Mecca	Christianity Key Question - Why are some places and journeys special? Children will learn about special places, pilgrimage and Lourdes	Islam/Christianity Key Question - Should we forgive others? Children will learn why forgiveness is important	Sikhism Key Question - How do Sikhs show commitment? Children will learn about Khanda, Khalsa and Baisakhi	Christianity Key Question - What values are shown in codes for living? Children will learn about the story of Adam and Eve and what matters most to them.	Sikhism/Christianity Key Question - What values are shown in codes for living? Children will learn about tolerance and what it means to be different
PSHE	Physical health and wellbeing Children will learn about role models and how the media can manipulate advertisements and images	Mental health and emotional wellbeing Children will learn about a wide range of emotions and how change and bereavement can make people feel	Drug, alcohol and tobacco education Children will learn about the risks associated with smoking drugs, including cigarettes, e-cigarettes, shisha and cannabis and strategies to support them to say no	Keeping safe and managing risk Children will learn about keeping safe online, in relationships and what to do if someone is missing from home	Identity, society and democracy Children will learn about gender stereotyping and how prejudice and discrimination can make people feel	Relationships and Sex Education Children will learn about the changes that occur during puberty and about the roles and responsibilities of carers and parents
Innovative Challenge	Preparing a wealthy Egyptian for the Afterlife	Children will design a human of the future	Children will host a Victorian Parlour tea afternoon	Children will hold a fundraising event to raise money for the British Heart Foundation	Children will hold a "farmer's market" to sell their goods	Children will investigate the crime of "Mrs Brady's stolen handbag"