



## Year 6 Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Science</b>	Electricity Explain the importance of major discoveries in Electricity. Build circuits and explain the effects of using different volts, use the correct symbols to draw electrical circuits.	Classification of animals How animals adapt to their environment. To describe how animals and microorganisms are classified. To describe helpful and harmful microorganisms.	The human body and its major systems: The digestive system, the circulatory system. Describe which nutrients and minerals are needed for a healthy lifestyle. Look at why each nutrient, vitamin and mineral are important, Look at the impact of exercise, drugs and alcohol.	Light To explain how light travels, how shadows are formed and how it is reflected and refracted. Study how we see objects. Investigate how prisms change light and how we see colours.	Evolution and Inheritance Describe the concept of inheritance and the theory of evolution. To understand how animals have adapted to their environments.	Major scientists To understand the scientific findings and discoveries of Stephen hawking, Libbie Hyman, Alexander Fleming, Mary Leakey and Steve Jobs.
<b>History</b>	The Reasons for the outbreak of World War 2. Impact of Evacuation and Rationing. Local History focusing on evacuation to Cheadle.	Study of events during WW2 The progression of German troops. The Blitz, Dunkirk, D Day landings. How the Blitz affected Manchester. The role of women in the war.				Battles since 1066 and how they have shaped the boundaries of the U.K. Look at how artillery has developed through battles. In depth study of the Battle of Hastings.
<b>Geography</b>			Locating the mountain ranges of the U.K, Europe and the World Study different types of mountains. Name and locate the key topographical features of mountains and rivers. To understand how contours show the height of the landscape	Study of South America Locate the different countries and capital cities. Identify the position and significance of Equator, N. and S. Hemisphere, Tropics of Cancer and Capricorn.	Close Study of Brazil Exports of South America Compare human and physical geography of U.K. and South America. What is Fairtrade and how does it help? Which S.American exports are promoted through Fairtrade.	
<b>Art</b>	John Piper pencil drawings followed by watercolours. Use different techniques for shading. Silhouette Blitz skylines	Music (The Bringer of War) inspired Kandinsky drawings in pencil and pastels. Study geometric Art	O Keefe inspired mountain landscapes, observational drawing of beetles and butterflies. Design and make silk clay beetles	Design a tropical collage in the style of Beatriz Milhazes	Romero Britto, create a tropical collage based on South American designs.	Perspective drawings. Lowry inspired figures. Create a scene from the Bayeux tapestry using mixed media. Use sewing stitches to join materials.

DT	Learning how to use a range of tools and follow hygiene procedures. Baking carrot cookies. Using electrical systems in their products.	To understand that food is grown, reared and caught in the U.K, Europe and the wider world. To understand how food availability was affected by the war and how recipes were adapted	Select from a range of materials based on their aesthetic qualities to create a 3D beetle. Use wire cutters and glue guns safely. Refine the finish to improve	Shape and score materials with accuracy to create printing block. Use mechanical systems such as cams or pulleys or gears, create movement, reinforce and strengthen a 3D framework	To understand that food is grown, reared and caught in the U.K, Europe and the wider world. To independently follow a recipe-Fairtrade brownie	Create a scene from the Bayeux tapestry by assembling and joining materials using a range of stitches and techniques . Design a phone case, use research and design functional, appealing products that are fit for purpose, aimed at particular individuals or groups
Computing						
RE	Different Creation Stories, Judaism	The Christmas Story, The Holocaust	Humanism	Free will and determination- The Crucifixion	Eternity	Justice and Freedom
PE						
Music	Charanga – Happy What music makes us happy? Study of Pop and Motown music	Charanga- Jazz, Latin and Blues. Look at Jazz in historical context. Appraising and creating Art inspired by Holst The Planet Suite- - Mars The Bringer of War	Charanga- A New Year Carol, Looking at the music of Benjamin Britten. Study of Western Classical music, Bhangra and Gospel	Charanga- You got a Friend The music of Carol King	Charanga- Music and Me Study contemporary music. Celebrate the role of women in the music industry.	Charanga- Reflect, Rewind and Replay To know and perform songs confidently and in unison for the Year 6 show
PSHE	Me and my relationships- Healthy and unhealthy. Solving conflicts. Respecting difference	Being my best A Positive mindset Aiming high	Keeping myself safe, the impact of drugs Helpful and unhelpful drugs Digital well being	Valuing differences Diverse Britain	Rights and Responsibilities. The wider world Money Matters	Growing and Changing
French	Getting to know you. Use French Greetings. Describe yourself, your house, your friends, your like and dislikes	Lets visit a French town. Describe the position of places. Learn the names of shops and places. Use ordinal numbers. Christmas in France	Lets go shopping Names of shops Shopping for clothes. Revision of colours. Learn to ask how much and how to answer in Euros. Dealing with French money	Lets go shopping. Shopping for food Revision of food. Asking for items. Ordering items in a restaurant	All in a day-telling the time using 5-minute intervals. Read and interpret timetables	This is France Describing French landmarks, famous people, and its neighbours. Use direction