

Year 6 Curriculum overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Science	Living things & their habitats <ul style="list-style-type: none"> Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals Give reasons for classifying plants and animals based on specific characteristics. 	Light <ul style="list-style-type: none"> recognise that light appears to travel in straight lines use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes <ul style="list-style-type: none"> use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. 	Animals including humans <ul style="list-style-type: none"> identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function describe the ways in which nutrients and water are transported within animals, including humans. 	Electricity <ul style="list-style-type: none"> associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches use recognised symbols when representing a simple circuit in a diagram. 	Evolution and inheritance <ul style="list-style-type: none"> recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. 	Revision <p>Catch-up from Spring 2 means Animals topic usually runs over for the first few weeks of Summer 2. Followed by revision</p>
History	Windrush <ul style="list-style-type: none"> A study of the Windrush pioneers, exploring their struggles and successes. The part the Caribbean men and women played in WW2 and beyond. 		How WW2 changed our local area <ul style="list-style-type: none"> The importance of local airbases during WW2. The use of the Spitfires. The friendly invasion. How we remember war veterans in Tamworth. 		Battle of Britain <ul style="list-style-type: none"> Exploring how the Battle of Britain was a significant turning point in British history. The cause and consequences of the Battle of Britain. The Blitz. 	
Geography	Comparison of Place – Jamaica, Poland and the UK <ul style="list-style-type: none"> Map skills to identify latitude and longitude. Similarities and differences between different regions including climate and landscape. 		Earthquakes, Mountains and Volcanoes <ul style="list-style-type: none"> Human and physical geography including rivers, mountains, volcanoes and earthquakes. Climate zones. Biomes. Water cycle. 		Settlements, Land Use and Economical activity <ul style="list-style-type: none"> Types of settlements and land use. Trade links. Distribution of natural resources. 	Orienteering <ul style="list-style-type: none"> Ordnance survey maps and 6 figure grid references. Map creating of our local area.
Art	Artist- Lubaina Himid Access Art – 2D to 3D art. <ul style="list-style-type: none"> Scaled enlargements of line drawings. 2D art transferred onto 3D materials. Collaging techniques. 	Artist- Luba Lukova Access Art – Print making and activism. <ul style="list-style-type: none"> Textured backgrounds. Exploring powerful messages represented through art. Print making techniques using multi-materials. 	Artist – Yinka Illoria Access Art – Brave Colour <ul style="list-style-type: none"> Exploring colours and their interpreted meanings. Creating a booklet to showcase their individual interests. Multi-media art project. 	Artist – Njideka Akunyili Crosby Access Art – Exploring identity. <ul style="list-style-type: none"> Self-portraits. Development of sketching techniques. Watercolour painting and collaging techniques re-visited. 	Artist – Lotte Reiniger Access Art – Shadow puppets. <ul style="list-style-type: none"> Story telling through art. Collaborative art project. 	
D&T	Structures – How strong is a piece of spaghetti? <ul style="list-style-type: none"> Understand how structures can be supported with guy lines and flying buttresses. Investigate how the length of spaghetti alters its strength. Construct a flying buttress to support a tower. Use appropriate lengths of spaghetti to increase strength and stability. Research famous towers including Blackpool Tower. 		Food and Nutrition – Can street foods save us? <ul style="list-style-type: none"> Research and taste test a range of street food ingredients. Make a burrito, bread dough and savoury pastry Learn dicing, rolling and folding food preparation techniques. 		Textiles - How can we reduce, recycle and repurpose? <ul style="list-style-type: none"> Learn how Plastic waste can be recycled and repurposed into practical, useful items. Make a crochet hook out of a chopstick. Use plastic bags and snack packets to create practical items. 	

Computing	E-Safety <ul style="list-style-type: none"> Internet safe use agreement Cyberbullying and why it is wrong. 	Coding <ul style="list-style-type: none"> To design a playable game with a timer and a score. To plan and use selection and variables. Publisher skills <ul style="list-style-type: none"> Importing photos Changing backgrounds Adding text 	Text Adventures <ul style="list-style-type: none"> To read and understand given code for a text adventure game. To debug a text adventure. 	Networks <ul style="list-style-type: none"> To research and find out about the age of the internet. E-Safety <ul style="list-style-type: none"> To identify benefits and risks of mobile devices broadcasting the location of the user/device, e.g., apps accessing location To review the meaning of a digital footprint 	E-Safety (blogging) <ul style="list-style-type: none"> To understand the approval process that posts go through and demonstrate an awareness of the issues surrounding inappropriate posts. To create a class blog. 	Quizzing <ul style="list-style-type: none"> To create a picture quiz including a search database.
Music	Music Express – World Unite Harvest festival	Music Express – Journeys Christmas singing	Music Express – Growth	Music Express – Roots	Music Express – Class Awards	Music Express – Moving On Leavers performance
PE	Gymnastics	Street Dance	Hockey	Netball	Tag Rugby	Orienteering/ Athletics
French	At School <ul style="list-style-type: none"> Subject names. Time telling. Opinions. Reading, writing, listening and speaking. 		World War 2 <ul style="list-style-type: none"> Evacuation. Important figures. Translation work. Reading, writing, listening and speaking. 		Healthy Eating <ul style="list-style-type: none"> Eating and drinking. Hobbies and interests. Reading, writing, listening and speaking. 	
RE	Humanism <ul style="list-style-type: none"> Examine the difference between religious and non-religious world views. Explore humanist beliefs. 		Creation stories <ul style="list-style-type: none"> Explore the creation stories from a range of religions including well-known, lesser known religions and extinct religions. 		Free will and determinism <ul style="list-style-type: none"> Explore the Christian Easter story. Focus on the question, was Jesus' death a part of God's plan? 	
PSHE	VIPs <ul style="list-style-type: none"> Identify relationships in their life and who their Very Important people are. Conflict and resolution. 	Safety First <ul style="list-style-type: none"> Taking responsibility for your own safety. How to act in an emergency situation. Online-safety. 	One World <ul style="list-style-type: none"> Understand how we are all global citizens. Learn how our choices can impact the wider community and environment. 	Digital Wellbeing <ul style="list-style-type: none"> Discuss how we can use social media responsibly. How to keep yourself safe online. 	Money Matters <ul style="list-style-type: none"> Encourage children to think how money is used in the wider world. Discuss possible consequences for taking financial risks and how to avoid these. 	Growing Up <ul style="list-style-type: none"> Understand how our bodies change as we get older. Physical and mental changes during puberty.
Visits & Visitors	Chasewater Outdoor Activity Centre (residential) Theatre trip (Old Rep theatre Birmingham)			Warner Bros Studios (Harry Potter)		