

# Year 5 Curriculum Overview

	Autumn	Spring	Summer
Educational Visits	<p>Local area – data collection</p> <p>Visit to Blakesley Hall or Galton Bridge?</p>	<p>Edgbaston Reservoir – Litter data</p>	<p>Worcester residential</p> <p>IKON gallery</p> <p>Sikh Gurdwara</p>
History	<p><b>What was life like in Tudor England?</b></p> <p>Children will build on previous knowledge of when the Tudor family ruled England. They will learn about Henry VIII, his wives and use primary sources to reconstruct a Royal Progress. This will lead on to learning about the impact of further historical figures in Year 6.</p>	<p><b>What did the Greeks ever do for us?</b></p> <p>Children will build on previous knowledge of history being divided into period including ancient times. They will learn about when and where the Greek lived, their Gods as well and how Greece was governed in the past. This will lead on to learning about more modern historical periods in Year 6.</p>	<p><b>How did the Maya civilisation compare to the Anglo-Saxons?</b></p> <p>Children will build on previous knowledge of how trade develops in different civilisations. They will learn about the differences between early and later civilizations and further these skills next year.</p>
Geography	<p><b>What is life like in the Alps?</b></p> <p>Children will build on previous knowledge of where mountains and volcanoes are located and how they form. They will learn about the location, human and physical features of the Alps and compare these with features of the local area. This will support their learning about a wide range of geographical features in Year 6.</p>	<p><b>Why do oceans matter?</b></p> <p>Children will build on their previous knowledge of the five oceans of the world and human impacts of environments. They will learn about the water cycle and how humans use of ocean can have consequences. They will also carry out fieldwork in a local marine environment. This will lead on to learning about the causes and impact of climate change in Year 6</p>	<p><b>Would you like to live in the desert?</b></p> <p>Children will build on previous knowledge of the world's different climate zones. They will learn about where hot desert biomes are located and how human activity may contribute to the changing climate and landscape of a desert. This will support their learning of how localities can change over time in Year 6.</p>

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Science		<b>Materials: Mixtures and separation</b>		<b>Materials: Properties and changes</b>		<b>Forces and space: Earth and space</b>		<b>Living things: Life cycles and reproduction</b>		<b>Forces and space: Imbalanced forces</b>		<b>Animals: Human timeline / Making connections</b>	
		Pupils explore different types of mixtures and the different methods that can be used to separate them. They dissolve a range of substances, identify different solutions and investigate how temperature affects the time taken to dissolve. They design and create a water filter, sieve soil and evaporate solutions.		Broadening their experience of the properties of materials, children investigate hardness, transparency and conductivity and consider how these properties influence the uses of materials. They explore reversible changes, including dissolving and changes of state. Children compare these to irreversible changes, including rusting, burning and mixing vinegar and bicarbonate of soda.		Exploring some of the key celestial bodies in our solar system, children learn the names and compare their movements. Pupils discover the relationship between the Earth's rotation and day and night, making models to represent their knowledge. They make their own sundials and consider how and why our ideas about the universe have changed so much over history.		Studying different animals' life cycles, children learn about the significance of reproduction for a species' survival. Pupils calculate the probability of male and female turtles hatching and grow plants to compare asexual and sexual reproduction. Pupils compare fertilisation across different animals and explore the needs of a fetus. Children narrate their own documentary in the style of an inspirational naturalist.		Building on their knowledge of contact forces, children explore gravity, air resistance and water resistance in more depth and consider the effect of these forces being imbalanced. They demonstrate key principles in the classroom and plan investigations to further their understanding of the effects of these forces. Pupils test their ideas using models and compete to build the most effective pulley system		Studying human development and changes, children identify key stages and consider what data may help determine if a child is growing normally. They describe how puberty affects girls and boys and produce graphs to record how gestation periods vary across different animals.	
English		Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2	
		<b>Text</b> The Canal	<b>Text</b> Should Mrs Mac let the boys out again?	<b>Text</b> Coral Ocean	<b>Text</b> Recount of doing something wrong	<b>Text</b> The Time-slip Scarab	<b>Text</b> Information about insects	<b>Text</b> Smaug	<b>Text</b> Why dragons feature in many cultures	<b>Text</b> Alien Landing	<b>Text</b> Article from someone who believes they have seen a UFO	<b>Text</b> Fowler's Yard	<b>Text</b> A newspaper report about something that has happened in school
		<b>Story Pattern</b> Warning story	<b>Text Type</b> Discussion	<b>Story Pattern</b> Change story	<b>Text Type</b> Recount	<b>Story Pattern</b> Portal story	<b>Text Type</b> Information report	<b>Story Pattern</b> Defeating the monster	<b>Text Type</b> Explanation	<b>Story Pattern</b> Meeting/finding tale	<b>Text Type</b> Persuasion	<b>Text Type</b> Recount	
		<b>Focus</b> Setting		<b>Focus</b> Character		<b>Focus</b> Character and dialogue		<b>Focus</b> Setting		<b>Focus</b> Opening and ending	<b>Focus</b> Suspense, description and character		

	Autumn		Spring		Summer	
Maths	Place value Addition and subtraction Multiplication and division A Fractions A		Multiplication and division B Fractions B Decimals and percentages Perimeter and area Statistics		Shape Position and direction Decimals Negative numbers Converting units Volume	
Computing	Catch up unit 1	Catch up unit 2	Computing systems and networks: Search engines	Programming 1: Music	Creating media: stop motion animation	Data handling: Mars Rover 1
Online Safety	<p><b>Safer Internet Day</b></p> <ul style="list-style-type: none"> <li>• Understand that passwords need to be strong and that apps require some form of passwords.</li> <li>• Recognise a couple of the different types of online communication and know who to go to if they need help with any communication matters online.</li> <li>• Search for simple information about a person, such as their birthday or key life moments.</li> <li>• Know what bullying is and that it can occur both online and in the real world.</li> <li>• Recognise when health and wellbeing are being affected in either a positive or negative way through online use.</li> <li>• Offer a couple of advice tips to combat the negative effects of online use.</li> </ul>					
Art	<p><b>Drawing: I Need Space</b></p> <p>Children will build on previous knowledge of drawing still life from observation and for mark making. They will learn to further develop drawing from observation. Draw using perspective, mathematical processes, design, detail and line. This will lead on to learning and apply new drawing techniques such as negative drawing, chiaroscuro, expression, sketching and still life in Year 6.</p>		<p><b>Painting and Mixed-media: Portraits</b></p> <p>Children will build on previous skills of control when painting. They will learn to control brush strokes and apply tints and shades when painting. Paint with greater skill and expression. This will lead on to learning and applying new drawing techniques such as negative drawing, chiaroscuro, expression, sketching and still life.</p>		<p><b>Structure and 3D: Interactive Installations</b></p> <p>Children will build on previous knowledge of manipulating materials to achieve desired effects. They will learn about interactive artwork and design new architectural forms, design and invent 3D artwork. This will lead on to further work creating 3D sculptural forms in Year 6.</p>	

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Design & Technology	<b>Structures: Bridges</b> Children will build on previous knowledge of frame and free-standing structures. They will learn about different ways to reinforce structures, understanding the importance of materials and triangulation. They will design and make their own bridge structure. This will lead on to their work on Playground structures in year 6.		<b>Electrical Systems: Doodlers</b> Children will build on previous knowledge of electrical circuits and switches. They will learn about motorised products and how circuits can be used to convert energy into movement before designing and make their own doodlers. This will lead on to their work making an electrical game next year.		<b>Food: What Could be Healthier?</b> Children will build on previous knowledge of recipes and building a balanced diet. They will learn about where meat comes from and adapt recipes to make them healthier. This will lead on to their work following and creating their own recipes in Year 6.	
Religious Education	<b>Theme:</b> Belief into action <b>Key Question:</b> How far would a Sikh go for his/ her religion? <b>Religion:</b> Sikhism	<b>Theme:</b> Christmas <b>Concept:</b> Incarnation <b>Key Question:</b> Is the Christmas story true? <b>Religion:</b> Christianity	<b>Theme:</b> Beliefs and moral values <b>Key Question:</b> Are Sikh stories important today? <b>Religion:</b> Sikhism	<b>Theme:</b> Easter <b>Concept:</b> Salvation <b>Key Question:</b> How significant is it for Christians to believe God intended Jesus to die? <b>Religion:</b> Christianity	<b>Theme:</b> Prayer and Worship <b>Key Question:</b> What is the best way for a Sikh to show commitment to God? <b>Religion:</b> Sikhism  Sikh Temple Visit	<b>Theme:</b> Beliefs and Practices <b>Key Question:</b> What is the best way for a Christian to show commitment to God? <b>Religion:</b> Christianity
Music	Catch Up Unit 1	Catch Up Unit 2	Composition to represent the festival of colour	Blues	South and West Africa	<b>Composition notation:</b> <b>Theme:</b> Ancient Egypt
PSHE	Catch Up Unit 1	French numbers, calendars and birthdays	Catch Up Unit 2	Portraits – describing in French	French monster pets	Meet my French Family
Anti-bullying	Anti-bullying: <ul style="list-style-type: none"> <li>Explain how discrimination is sometimes shown through teasing, bullying, hurtful behaviours and prejudice-based language</li> </ul>					

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French	Catch Up Unit 1		French numbers, calendars and birthdays		Catch Up Unit 2		Portraits – describing in French		French monster pets		Meet my French Family	
PE	Netball	Football	Gymnastics	Basketball	Dance	Badminton	Handball	Tag Rugby	Hockey	Rounders	Cricket	Athletics

