



# Curriculum Programme for Science & the Foundation Subjects in KS1 and KS2

September 2025

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## Science Overview

### KS1

Cycle A	Animal World Seasons and weather -to be covered throughout the year as the seasons change	Plants	Everyday Materials
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### KS2

Y3	Forces and magnets	Animals and humans	Light and shadows	Structures and functions of plants	Rocks
Y4-5	Classification of living things	Human Body	States of matter	Sound	Electricity
Y5/6	Light and seeing things	Living things: further classification	Human Body: systems	Evolution and inheritance	Electricity

## History Overview

### KS1

Cycle A	<p><b>My History – Changes in Britain: Me and My Family</b> Changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life</p>	<p><b>Toys through time</b> Changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life</p>	<p><b>Holidays from the Past</b> Significant historical events, people and places in their own locality.</p>
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### KS2

Year 3	<p><b>My History: Stone Age Britain</b></p>	<p><b>Bronze Age to Iron Age Britain</b></p>	<p><b>Ancient Egypt</b> The achievements of the earliest civilizations <u>an overview of where and when the first civilizations appeared</u> all 4_Ancient Sumer; The Indus Valley; Ancient Egypt; The Shang Dynasty of China - a depth study of one</p>
Year 4/5	<p><b>My History – A History of Runcorn</b> A local history study - British Theme beyond 1066</p>	<p><b>A History of Liverpool – slave trade and the docks</b> A local history study - British Theme beyond 1066</p>	<p><b>My History – A History of Runcorn</b> A local history study - British Theme beyond 1066</p>
Year 5/6	<p><b>My History: World War Two</b> A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066</p>	<p><b>Ancient Greece</b> A study of Greek life and <u>achievements and their influence on the western world</u></p>	<p><b>Mayans</b> A non-European society that provides contrasts with British history – one study chosen from: early Islamic civilization, including a study of Baghdad c. AD 900; Mayan civilization c. AD 900; Benin (West Africa) c. AD 900-1300.</p>

## Geography Overview

### KS1

Year 1/2	<p><b>My Geography – the Geography of Runcorn (Palacefields)</b> Using fieldwork and observational skills to study the geography of our school and its surrounding environment.</p>	<p><b>Where are we? – UK geography</b> Locational knowledge of Whiston, Liverpool, and the United Kingdom, including the four countries and the surrounding seas.</p>
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### KS2

Year 3	<p><b>My Geography - Europe</b> The location and characteristics of physical and human features of modern Europe (including Russia). Knowledge of countries and capital cities with a focus on tourism.</p>	<p><b>Naples</b> The location and characteristics of the physical and human features of Italy. Similarities and differences between Naples and Liverpool.</p>	<p><b>Rural and Urban UK</b> Types of settlements in the UK. Early settlers – what did they look for? Economic activities in rural and urban areas.</p>
Year 4/5	<p><b>My Geography - Global Caretakers</b> The distribution of natural resources including energy. The impact we have on our planet and our responsibility to look after it. Plastic pollution, renewable energy and global warming.</p>	<p><b>Rainforests</b> Knowledge of the geography of the rainforest, climate zones, biomes, the equator and the tropics. Looking at threats to the rainforest, including deforestation.</p>	<p><b>Extreme Earth – Volcanoes and Earthquakes</b> Knowledge of volcanoes and earth quakes, including their formation and some significant examples from around the world.</p>
Year 5/6	<p><b>Looking after our Landscape</b> A study of our local landscape, including key physical and human features. Issues of plastic pollution, global warming and energy and our roles in the future. Knowledge of UK counties and cities.</p>	<p><b>Mountains and Rivers</b> A study of key topographical features. The physical geography of mountains and rivers and how these have changed over time. The water cycle.</p>	<p><b>Extreme Earth – Extreme Weather</b> Knowledge of the Earth’s climate and extreme weather, including tsunamis and flooding. A focus on how these physical processes impact on human geography. An opportunity to build on prior knowledge of volcanoes and Earthquakes, focussing on the impact on human geography.</p>

## Art and Design Overview

### KS1

Cycle A	Painting and Mixed Media: Colour Splash	Craft and Design: Woven Wonders	Painting and Mixed Media: Life in Colour
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### KS2

Year 3	Sculpture and 3D: Abstract shape and space	Drawing: Growing Artists	Craft and Design: Ancient Egyptian Scrolls
Year 4/5	Painting and Mixed media: Light and Dark	Drawing: Power prints	Craft and Design: Fabric of Nature
Year 5/6	Drawing: Make my voice heard	Craft and Design: Photo Opportunity	Sculpture and 3D: Making Memories

## Design Technology Overview

### KS1

Cycle A	Structures: Baby Bear's Chair	Mechanisms: Making a Moving Monster	Cooking and Nutrition: A Balanced Diet
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### Lower KS2

Year 3	Digital World: Wearable Technology	Cooking and Nutrition: Eating Seasonally	Structures: Constructing a castle
Year 4/5	Structure: Pavilions	Mechanical Systems: Making a slingshot car	Electrical Systems: Torches
Year 5/6	Textiles: Waistcoats	Structure: Playgrounds	Digital World: Navigating the world

## MFL Overview (Spanish - Language Angels)

### KS1

Cycle A	Starting off: Greetings Starting off: Transport	Starting off: In the Jungle Moving on: In my Town	Moving on: Anita and Teddy Bear Moving on: Dream House
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### KS2

Year 3	Extra Teaching: Phonics 1 & 2 Early Language: I am Learning	Early Language: Animals Early Language: I am able to/ I know how to...	Early Language: Fruits Intermediate teaching: In the Classroom
Year 4/5	Extra Teaching: Phonics 1 & 2 Extra Teaching: I am Learning	Extra Teaching: Fruits Extra Teaching: Vegetables	Intermediate teaching: Presenting Myself Progressive teaching: In the Classroom
Year 5/6	Extra Teaching: Phonics 1 & 2 Extra Teaching: I am Learning	Extra Teaching: Fruits Extra Teaching: Vegetables	Intermediate teaching: Presenting Myself Progressive teaching: In the Classroom

## PE Overview (GetSet4PE)

### KS1

Cycle A	Fundamentals Ball Skills	Invasion Games Yoga	Sending and Receiving Fitness	Gymnastics Target Games	Team Building Athletics	Striking and Fielding Net and Wall Games
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### KS2

Year 3	Basic Skills Y3/4 Fundamentals Y3/4	Yoga Netball	Swimming	Gymnastics Basketball	Hockey Athletics	Swimming
Year 4/5	Fundamentals Y3/4 Dodgeball	Swimming	Hockey Gymnastics	Swimming	Handball Yoga	Athletics Cricket
Year 5/6	Swimming	Gymnastics Football	Basketball Yoga	Athletics Netball	Swimming	Rounders Tag Rugby

## Music Overview (Charanga)

### KS1

Cycle A	Unit 1: My musical heartbeat Unit 2: Dance, sing and play!	Unit 3: Exploring sounds Unit 4: Learning to Listen	Unit 5: Having Fun with improvisation Unit 6: Let's perform together
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### KS2

Year 3	Unit 1: Writing down music Unit 2: Playing in a band	Unit 3: Compose using your imagination Unit 4: More musical styles	Unit 5: Enjoying improvisation Unit 6: Opening night
Year 4/5	Unit 1: Musical Structures Unit 2: Exploring feelings when you play	Unit 3: Compose with your friends Unit 4: Feelings through music	Unit 5: Expression and improvisation Unit 6: The show must go on
Year 5/6	Unit 1: Melody and harmony in music Unit 2: Sing and play in different styles	Unit 3: Composing and chords Unit 4: Enjoying musical styles	Unit 5: Freedom to improvise Unit 6: Battle of the bands!

## Computing Overview (Purple Mash)

### KS1

Cycle B	Introduction to Purple Mash Route Explorers The Internet	Data Explorers Questioning Making Beats	Creating and Following Instructions Presenting Ideas Technology around us
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### Lower KS2

Year 3	Email Unpacking hardware & software Route planners	Effective Searching Coding	Presentations Microbits
Year 4/5	Animation Logo	Branching Databases Sound stories Coding	Microbits Touch typing Introduction to AI
Year 5/6	Networks Databases Microbits	Concept Maps Coding Introduction to Python	Spreadsheets Data Detectives

## RE Overview (Kapow)

### KS1

Cycle A	Why do we need to give thanks?	What do Candles mean to people?	How do we know some people feel a special connection to a God?	What is a prophet?	How do some people talk to God?	Where do some people talk to God?
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### KS2

Year 3	What makes us human? Hindu Christian Buddhist Humanist	Where do our Morals come from? Christian Jewish Buddhist Hindu Muslim Humanist	Is scripture central to religion? Jewish Muslim Christian	What happens if we do wrong? Hindu Muslim Humanist Christian Jewish	Why is water symbolic? Christian Sikh Muslim Shinto	Why is fire used ceremonially? Hindu Sikh Zoroastrianism
Year 4/5	Are all religions equal? Bahá'í Sikh Hindu	What makes some texts sacred? Sikh Hindu Buddhist	Just how important are our beliefs? Sikh Muslim Jewish Hindu Christian	Who was Jesus really? Christian Jewish Muslim	Why is the Bible the best-selling book of all time? Christian	Does the language of scripture matter? Christian Muslim Jewish
Year 5/6	Why does religion look different around the world? Part 1 Jewish Muslim Christian	Why does religion look different around the world? Part 2 Hindu Sikh Buddhist Jain	Why is it better to be there in person? Muslim Jewish Christian Humanist	Why is there suffering? Part 1 Jewish Christian Zoroastrianism Buddhist	Why is there suffering? Part 2 Shinto Buddhist Sikh Humanist	What place does religion have in our world today? Multiple worldviews