

TOPIC OVERVIEW SHOWING OBJECTIVES TAKEN FROM THE NATIONAL CURRICULUM

Year Group: 5

Term: Autumn 2025

SCIENCE	HISTORY	GEOGRAPHY	RELIGIOUS EDUCATION
<u>Earth and Space</u> - Describe the movement of the Earth, and other planets, relative to the Sun in the solar system - Describe the movement of the Moon relative to the Earth - Describe the Sun, Earth and Moon as approximately spherical bodies - Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. <u>Forces</u> - Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object - Identify the effects of air resistance, water resistance and friction, that act between moving surfaces - Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.	<u>Tudors</u> - Understand the methods of historical enquiry, including how evidence is used rigorously to make historical claims, and discern how and why contrasting arguments and interpretations of the past have been constructed - Understand the Viking and Anglo-Saxon struggle for the Kingdom of England to the time of Edward the Confessor. - A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066	<u>Mountains</u> - Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics, key topographical features (including hills, mountains, coasts and rivers), and land-use patterns; and understand how some of these aspects have changed over time. - Describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle - Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water - Use maps, atlases, globe and digital/computer mapping to locate countries and describe features studied	<u>God and Faith</u> - Explaining a range of features of the religions and worldviews studied, explaining more about the relationships between religions and worldviews around faith, humans, nature, society, science and technology; with reference to their importance for individuals and communities. - Analyse some challenging questions about belonging, meaning, purpose and truth found within the relationships between religions and worldviews around faith, humans, nature, society, science and technology, responding creatively in different mediums such as music, art and poetry.

ART	DESIGN AND TECHNOLOGY	MUSIC	ICT
- To create sketch books to record their observations and use them to review and revisit ideas - To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay] - Learn about great artists, architects and designers in history.	- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups - Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities - Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work	- Play and perform in solo and ensemble contexts, using their voices (and playing instruments) with increasing accuracy, fluency, control and expression - Listen with attention to detail and recall sounds with increasing aural memory - Use and understand staff and other musical notations - Improvise and compose music for a range of purposes using the interrelated dimensions of music	- To understand computer networks including the internet; how they can provide multiple services, such as the world-wide web; and the opportunities they offer for communication and collaboration. - To select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information - To use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.
PHYSICAL DEVELOPMENT	PERSONAL, SOCIAL & EMOTIONAL DEVELOPMENT	COMMUNICATION, LANGUAGE AND LITERACY LINKS	MATHEMATICAL DEVELOPMENT LINKS
PE	Relationships Education		
- Use running, jumping, throwing and catching in isolation and in combination - Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending - Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics] - Take part in outdoor and adventurous activity challenges both individually and within a team - Compare their performances with previous ones and demonstrate improvement to achieve their personal best.	Family and Relationships - To understand how to form and maintain positive relationships - To explore the ups and downs of friendships - To understand the concept of marriage - To begin to understand self-respect - Online Safety	- Diary entry - Fact file - Biography - Instructions - Drama - Poetry - Newspaper Report	- Scale drawings - Measuring distance - Measuring time - Following a recipe - Map reading

SUGGESTED ACTIVITIES LINKED TO THE NATIONAL CURRICULUM OBJECTIVES

SCIENCE	HISTORY	GEOGRAPHY	RELIGIOUS EDUCATION
<u>Earth and Space</u> • Draw an annotated diagram of the solar system including shape, position and movement • Describe and compare movements of different planets in space • Label the journey of the sun throughout a day • Explain the effect of the Earth's rotation in space using a model • Identify the phases of the moon and explain why these occur • Complete a moon diary <u>Forces</u> • Investigate friction and how materials affect this • Describe how objects fall through the air • Investigate air resistance and how to slow falling objects using parachutes • Measure the effects of water resistance using boats • Investigate the weight of objects in air and water • Investigate and use levers and pulleys to move objects	• To explain when and why the Vikings came to Britain. • To evaluate ideas about the Vikings using sources. • To investigate the importance of Viking trading routes. • To compare different versions of Viking sagas. • To evaluate the impact of the Viking invasions and settlements using primary sources and case studies. • To evaluate achievements of the Vikings.	• Describe features of mountains including climate, appearance and environments • Locate the world's Seven Summits on a map • Research the UK's highest mountains • Research the Himalayas region and understand its importance • Write a diary entry about living near a mountain • Write a fact file about a mountain	• Define prayer and its purpose • Explore different forms of prayer • Understand the importance of prayer in different religions • Identify ways God/s might respond to prayer • Develop skills for interpreting God's communication • Create personal prayer practices
ART	DESIGN AND TECHNOLOGY	MUSIC	ICT
• Observational drawing of a house • Print an image based on observational drawings • Design a house taking inspiration from an artist • Design a building based on architectural drawings • Design a monument	• To design a stuffed toy. • To sew a blanket stitch. • To create and add decorations to fabric. • To use a blanket stitch to assemble the components of a stuffed toy.	• To sing with accuracy, fluency, control, and expression • To explore and use different forms of notation • To understand note length • To read simple pitch notation • To use hieroglyphs and stave notation to write a piece of music • Singing assembly	• To describe how networks physically connect to other networks • To recognise how networked devices make up the internet • To experiment with search engines • To describe how search engines select results • To explain how search results are ranked • To recognise why the order of results is important

PHYSICAL DEVELOPMENT	PERSONAL, SOCIAL & EMOTIONAL DEVELOPMENT	COMMUNICATION, LANGUAGE AND LITERACY LINKS	MATHEMATICAL DEVELOPMENT LINKS
PE	Relationships Education		
• Netball • Football • Tag Rugby • Dodgeball • Dance	• Understand how to form and maintain positive relationships • Explores the ups and downs of friendships • Understand the concept of marriage • Begin to understand self-respect • To understand that identity online can be copied, modified and altered • To recognise how to make responsible choices about my online identity	• Diary entry • Fact file • Biography • Instructions • Drama • Writing a speech • Letter	• Scale drawings • Measuring distance • Measuring time • Following a recipe • Map reading
		TRIPS AND VISITORS	
		• Well-being workshops	