

EDINBURGH PRIMARY SCHOOL - YEAR 4/5 CURRICULUM MAP – SPRING TERM

MATHS

In the Spring Term, Year 4 and 5 children will deepen their mathematical understanding through key topics in Maths. In 'Multiplication & Division', they will enhance their skills in these operations, focusing on larger numbers and problem-solving techniques. The 'Fractions' unit will explore comparing, adding, subtracting, multiplying, and dividing fractions, along with understanding equivalence and conversion between mixed numbers and improper fractions. In 'Decimals', students will learn about decimal places, relating decimals to fractions, and using them in different contexts. The topic of 'Percentages' will introduce the concept of percentages, their relationship with fractions and decimals, and applying them in various problem-solving scenarios.

ENGLISH

In English, the children will use exciting core texts as the inspiration for a variety of creative writing tasks. They will continue to focus on using accurate punctuation, sentences that make sense and using joined handwriting. Weekly spelling and spelling homework continue.

SCIENCE

In their 'Earth and Space' and 'Forces' science topics, Year 4/5 children will cover a range of fascinating concepts. For 'Earth and Space', they will describe the movement of planets in the solar system and create models to represent this. They will explore the concept of day and night, investigating the Sun's movement across the sky, and understand the reasons behind varying day lengths and seasons. Additionally, they will learn about the phases of the moon. In the 'Forces' topic, students will delve into understanding gravity and resistance, including balanced and unbalanced forces. They'll identify the effects of air resistance, water resistance, and friction on moving surfaces and recognize how gear mechanisms can amplify a smaller force. The concept of gravity as a force will also be a key part of their learning. These topics aim to provide a comprehensive understanding of space and physical forces in our universe.

PSHE

In the Spring Term, Year 4 and 5 children will engage with the topic "Dreams & Goals" in PSHE. They will learn about setting and pursuing personal aspirations, focusing on goal setting, perseverance, and resilience. The unit will emphasize celebrating achievements and understanding the importance of self-motivation. Activities will encourage students to identify their strengths and interests, fostering a positive mindset for personal growth and community contribution.

Earth and Space

In this exciting project, the children will learn about our Solar System, including the Sun, the eight planets, and the Moon. They'll engage in activities like programming a lunar rover, studying gravity and its absence, and understanding time differences on Earth.

ART/DT

In ART's 'Space Art', Year 4/5 children will learn about retrofuturism, engage in evaluating art, and use different stimuli for drawing. They'll create textures for collagraph printing, develop art ideas in sketchbooks, and apply advanced techniques in creating final art pieces.

In DT's 'Electrical Systems', they will explore the basics of series circuits, including electricity flow and circuit breaks, and understand how electric motors convert electrical energy into movement, focusing on motorised products.

MUSIC

In their music lessons, Year 4/5 children will study two topics: 'South and West Africa' and 'Looping and Remixing'. In 'South and West Africa', they will explore unique linguistic sounds in songs, like the clicks in the Xhosa language, illustrated by 'The Click Song', and the use of major chords and polyrhythms. In 'Looping and Remixing', they will learn about dance music production, focusing on electronic percussion, the concept of loops (repeated rhythms or melodies), and remixes, which adapt music for dancing.

COMPUTING

In Computing, Year 4/5 children will learn about 'Spreadsheets' and 'Game Creator'. In 'Spreadsheets', they will use formulas to convert measurements, count tool for data analysis, model real-life problems, calculate area and perimeter, work with text variables, and plan events like a school cake sale. In 'Game Creator', they will focus on planning, designing, and creating a game environment and quest, finishing and sharing their game, and conducting self and peer evaluations. These topics aim to develop their computational thinking and practical application skills in technology.

RE

In RE, Year 4/5 children will study two topics: 'What Matters Most to Christians and Humanists' and 'What Would Jesus Do? Can We Live by the Values of Jesus in the Twenty-First Century'. They will explore the core beliefs and values of Christians and Humanists, understanding what matters most to these groups. In the second topic, they'll consider the teachings of Jesus and discuss the relevance and application of his values in the modern world. These topics aim to deepen their understanding of different worldviews and ethical considerations.

FRENCH

In French, Year 4/5 children will explore 'Space Exploration' and 'Shopping in France'. In 'Space Exploration', they'll identify cognates, write metaphors using original vocabulary, choose the correct gender for nouns, add colour adjectives, and form accurate phrases to compare planets. They'll also adapt texts to create original sentences with descriptive phrases. In 'Shopping in France', they will recognize and pronounce two-digit numbers, recall vocabulary with picture matching, participate in a story using gestures and key vocabulary, sort words by gender, and identify known vocabulary in texts.

PE

In PE during the Spring Term, In PE, Year 4/5 children will focus on two topics: 'Netball' and 'Gymnastics-Press and Go'. In 'Netball', they will learn the basic rules, skills like passing and shooting, and team strategies. In 'Gymnastics-Press and Go', they will explore various gymnastic movements, focusing on pressing motions and dynamic movements. These activities aim to improve their physical skills, coordination, and understanding of team sports and gymnastic techniques.

HISTORY/GEOGRAPHY

In Geography, Year 4/5 children will cover a range of topics to deepen their understanding of the world. They will learn to analyze and compare places using maps, atlases, and aerial photographs, and identify geographical features on relief maps. Skills like using compass points, grid references, and understanding map scales will be emphasized. The children will also explore the Prime Meridian, different time zones, and the world's biomes, climate zones, and vegetation belts. They will compare physical and human geography across continents and learn about major world cities.