Pentland Primary School
Curriculum Overview
Year 6
Autumn 2

Creative (Art, DT, Music)

Art

This term in Art, we will explore the work of sculptors Ray Lonsdale and George Segal to inspire our own creations. We will then use Modroc to design and create our own sculptures, developing our skills in shaping, modelling and working in 3D.

DT

In DT, we will be learning about wind turbines and how they work. We will look at different designs, explore how moving parts work together and create our own design on the computer. We will then build our own working wind turbine with an electrical part, before testing it and thinking about how we could improve.

Music

In Music, we will be focusing on playing the ukeleles.

PE

During the first two weeks of Autumn 2, Year 6 will take part in swimming lessons to develop their water confidence and swimming skills. Alongside this, pupils will develop their skills in invasion games, including outdoor netball, and target games, focusing on handball.

MFL

French

In French, pupils will explore the theme of **family**, learning vocabulary for close and extended family members. They will also revisit and link this vocabulary to the jobs they learned about in Autumn 1.

Humanities (History, Geography)

Geography

This term, Year 6 will explore the powerful natural forces that shape and change our planet. We will learn about day and night, longitude, time zones and the International Date Line, including how these affect time and travel around the world. We will then investigate volcanoes and earthquakes, exploring their features, causes, locations and how they are measured. Children will also consider what it is like to live near volcanoes and how these natural events can change landscapes and impact communities around the world.

History

This term, Year 6 will explore World War One, learning about the Great War, life on the front line and the experiences of soldiers. We will investigate how local communities were affected and how people contributed to the war effort on the Home Front. Children will also discover why the Bradford brothers are remembered today and explore how our local community played its part during WW1.

Computing

In Year 6 Computing, pupils will design and create their own webpages, learning how to make them attractive, easy to navigate, and suitable for their audience. They will also develop an understanding of copyright and how to use online content responsibly while creating engaging and effective websites.

For online safety, children will learn how to recognise and report online bullying by capturing evidence, such as screenshots and URLs, and sharing it with trusted adults who can help. They will also explore the risks of taking or sharing inappropriate images online, understanding the potential impact on themselves and others, and identifying who they can turn to for support.

Books/resources/films/music/visits/visitors/role play etc

- We are reading 'Armistice Runner – Tom Palmer'
- BBC Bitesize
- Timetable Rockstars

English

Writing

In Writing, pupils will explore a range of text types across the term. They will learn and recite poetry linked to Remembrance Day, write diary entries as recounts, and take part in a debate for Parliament Week, developing their speaking and listening skills. They will then use their arguments to create a persuasive campaign before finishing the term by completing a narrative as part of a whole-school writing project.

Grammar

In Grammar, pupils will revisit and identify different word types, including verbs, nouns, adjectives, adverbs, pronouns and conjunctions. They will explore verb forms, practise using semi-colons and apostrophes accurately, and develop their understanding of speech and relative clauses. They will also focus on constructing complex sentences and using a range of conjunctions,

Reading

This term, we will continue to look at a variety of question types, including retrieval, vocabulary, and inference. Children will also continue to be exposed to a range of text types: fiction, non-fiction, and poetry.

Science

Light

In Science, pupils will explore the topic of **light**, investigating how light travels and how we see objects. They will learn about the different parts of the eye and how they help us to see, as well as exploring reflection and refraction. Pupils will investigate how light can be split into different colours, how objects appear in different colours, and how shadows are formed and change depending on the position of the light source. They will take part in practical investigations to develop their understanding of these key scientific concepts.

RE – What is worship? What is it for?

In RE, pupils will explore the question **'Why are the Gospel accounts different?'** by comparing Matthew and Luke's accounts of Jesus' birth. They will identify similarities and differences, explore the concerns and purposes of each Gospel writer, and suggest reasons for these differences. Pupils will also consider how the nativity stories reflect Christian beliefs about Jesus as Saviour and God Incarnate.

PE Days

Wednesday and Thursday – active uniform worn daily

Reading expectations

Listen a minimum of three times per week.

Maths

Mental

This term, children will focus on developing confidence and fluency with the four operations (addition, subtraction, multiplication and division). A key emphasis will be placed on strengthening times table knowledge to improve speed, accuracy and mental calculation skills. Through regular practice and problem-solving activities, pupils will apply these skills in a range of mathematical contexts, helping them to become more confident and efficient mathematicians.

Main

Pupils will begin by revisiting the properties of angles, learning to identify, estimate, measure and draw different types of angles, including reflex angles, and use their knowledge to draw shapes accurately. They will then focus on fractions, decimals and percentages, developing their skills in finding equivalent and simplified fractions, comparing and ordering fractions, and converting between fractions, decimals and percentages. Pupils will also learn to calculate percentages of amounts and develop their understanding of adding, subtracting, multiplying and dividing fractions, including mixed numbers.

Websites

BBC Bitesize, Timetables Rockstars

Related UNCRC Articles

Article 12: Every child has the right to express their views and have their opinions listened to and taken seriously.