

Learning and Motivation leads to Progress and Success

Curriculum Overview Year 4: Autumn 1

WE EXPECT ALL PUPILS TO READ ALOUD WITH AN ADULT EVERYDAY, EVERY NIGHT.

Parents/carers should record comments in your child's/ren's reading record books. Pupils take home 2 staged books per week (unless they are a 'free reader') and 2 library books per week. You can also visit your local library.

Themes	
Legacy 	What methods to measure weather remain today? How has the development of Cubism changed the idea of what art is?
Morality 	How can we stay safe during extreme weather events? Should people build upon flood plains?
Power 	How powerful are weather instruments in measuring weather? How has Picasso's work contributed to him being considered as one of the most influential or powerful artists of all time? What is the impact of weather on tourism?
Sustainability 	How has global warming contributed to a rise in natural disasters? Why is it important to measure weather across the world? Why is it important to look after the environment? How can religion guide people to look after the environment? How can our healthy life choices contribute to changing the environment?

Supporting your child at home

Ensure children know all multiplication facts up to 12 times tables and the division equivalents. Children should read every day and ensure that they know the year 3 and 4 spellings (see website).

Trips and experiences

Pupils will experience what a hurricane feels like and what to do in an emergency. Year 4 will be learning to swim.

Writing

This unit of learning, will allow us to author two extended written pieces: a scripted conversation between the two boys, George and David and an interview with Hannibal, the cat. The first piece of writing, a slightly shorter one, will be written in a prose format and include a large amount of direct speech. The second piece will be in playscript format. It will show us the difference between direct speech and the protocols associated with writing in the playscript form.

Science

We will be learning about teeth and digestion. We will be introduced to the main body parts associated with the digestive system and we will explore questions to understand their special functions. We will work scientifically by comparing the teeth of carnivores and herbivores and will find out what damages our teeth and how to look after them. We will draw and discuss our ideas about the digestive system and compare them with models or images.

Vocabulary

digest, oesophagus, stomach, small intestines, large intestines, rectum, digestive system, incisor, premolar, molar, canine, herbivore, omnivore, carnivore, predator, prey, producer.

Geography

This term, we will be learning about the difference between weather and climate. We will understand the weather in the UK as well as explore the varying climates zones around the world. We will learn how global warming and human activity influence on climate. We will also be creating rain gauges, collecting rainfall and presenting the data in various ways.

Vocabulary

hurricane, natural disaster, extreme weather, climate zone, global warming, climate change, hemisphere, equator, fossil fuels, heatwave, tsunami, rainfall, tropical, arid, Mediterranean, temperate, continental, polar

Art and design

This term, we will learn about cubism and the use of geometric shapes. We will be focussing on the works of Henri Matisse and Pablo Picasso. We will explore the different drawing techniques used by cubist artists and apply these techniques to sketch still life objects. We will be creating our own cubist style portraits and evaluating each other's artwork.

Vocabulary

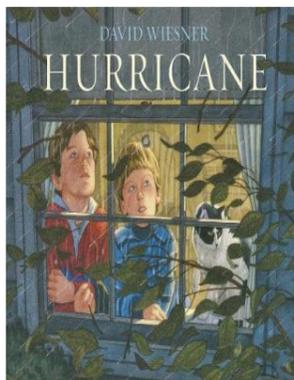
geometric, cubism, technique, construct, mood, emotion, Henri Matisse, Picasso, ceramicist, architect, influential, sculpture, collage

Maths

In maths, pupils will be learning to tell the time, read, write and compare numbers to 1 000 whilst determining the value of each digit. They will also be rounding numbers to the nearest 10, 100 and 1000. They will use these methods to help them solve number and practical problems. Pupils will be taught how to read and recognise numbers in Roman Numerals to 100. They also will be learning how to interpret positive and negative numbers in context, whilst counting forwards and backwards through zero.

Reading

In reading, we will be continuing to develop our understanding of retrieval and deduction skills through whole class reading. We will consider how to infer the emotions of a character based upon their thoughts and actions in a text.



Computing

We will learn about the different measurement techniques for weather including analogue and digital. We will use computer-based data logging to automate the recording of weather data. We will use spreadsheets, analyse inconsistencies in data and make predictions. We will also practice using presentation software and video.

PSHE- Health and Well-being

In PSHE, we will set our own goals, find out that food gives us energy, we will also explore the importance of nutrients and explain the effects of smoking and drinking and their associated risks. In addition we will explore the importance of asking questions.

Vocabulary

goal, energy, nutrients, fibre, smoking, drug, risks, alcohol, parliament, legal, illegal activity, physical activity, benefits.

RE

In RE, we will be learning about Islam. We will explore the fundamental beliefs that Muslims hold about the nature of God. We will learn about the significance of the Prophet Muhammad and the importance of the Quran to Muslims.

Launch Event

We will explore what it is like to experience a hurricane and practise what we would do when it is happening. We will also create a fact file on hurricanes.

Showcase of learning

We will create beautiful Picasso inspired drawings. We will share all of our learning in the end of term newsletter.

Modern Foreign Languages: French

This term, we will continue to develop our French vocabulary. We will learn about Toussaint (All Saint's) day and how it is celebrated in France. We will learn to count numbers up to 60 and name pets such as dogs, cats, rabbits, turtles and fish.

PE

In PE, we will be developing our understanding of ball skills and invasion games through football. We will develop our understanding of the principles of attacking and defending in invasion games. One class in year 4 will also learn to swim.

Music

Glockenspiel 1: This unit introduces children to learning about the language of music through playing the glockenspiel. The learning is focused around exploring and developing playing skills using the glockenspiel. They will continue to practise reading notated music, music theory and use music scores/charts available along with the music covered.