



Gainsborough Primary and Nursery Academy

Curriculum Brochure for Parents and Carers



English

Key vocabulary: pronoun, relative pronoun, relative clause, parenthesis, bracket, dash, cohesion, ambiguity, dialogue, inverted comma

What pupils will learn: The children will write a biography of a famous astronaut, a narrative, an information text, a diary and use direct and indirect speech. As they write in a variety of styles, they will learn to use devices to build cohesion within a paragraph, to link ideas across paragraphs using adverbials of time, place, number, and tense choice, to use brackets, dashes or commas to indicate parenthesis, and use commas to clarify meaning or avoid ambiguity.

Geography

Key vocabulary: continent, country, physical feature, human feature, floodplain, forest floor, understorey, canopy, emergent layer, meander, tributary, source

What pupils will learn: We will recap the continents from both the Northern and Southern hemisphere on a globe and/or a map alongside locating the Tropics of Cancer and Capricorn. We will also learn about the significance of the equator and of the Arctic and Antarctic circles. We will then move on to learn about South America: the countries, major cities and physical features, before learning about the Amazon Rainforest and Amazon River.

Design Technology

Key vocabulary: saw, sand, smooth, truss, reinforce, support

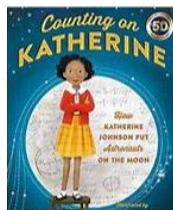
What pupils will learn: The children will design, plan, create and evaluate a bridge – focusing on what make a good one and learning the practical skills to ensure it is fit for purpose.

Year 5

Autumn Term 2024

To Infinity and Beyond...

Focus texts:



Trips

24th September - Crewe Library – FREE

20th November - New Vic Theatre Christmas
Production – Cost approx. £20

Maths

Key vocabulary: ones (1s), tens (10s), hundreds (100s), thousands (1,000s), ten thousands (10,000s), place value, position, partition, equivalent, estimate, closer to, between, round, next multiple, previous multiple, nearest multiple of 10, 100, 1,000, add, subtract, total, difference, inverse, round, mentally, compare, order, greater than (>), less than (<), Roman numerals, line graphs, timetables, factors, multiples, common factors, prime numbers, area, perimeter.

What pupils will learn: Through the use of Power Maths, the children will learn about place value, addition and subtraction, statistics (line graphs and tables), multiplication and division, perimeter and area.

Science – The Earth and Beyond and Properties and Changes of Materials.

Key vocabulary: sun, star, moon, planet, sphere, spherical bodies, satellite, orbit, rotate, axis, astronomer, heliocentric, geocentric, solids, liquids, gases, evaporating, condensing, materials, conductor, insulator, transparency.

What pupils will learn: To describe the movement of the Earth and other planets relative to the sun in the solar system.

To describe the movement of the Moon relative to the Earth.

To describe the Sun, Earth and moon as approximately spherical bodies. To use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

The children will also learn about the properties and changes of materials, comparing and grouping them based on their properties. They will learn about dissolving and separating mixtures, and will carry out a variety of investigations.

History – Change to leisure and entertainment across the 20th Century

Key vocabulary: timeline, chronological, 20th Century, leisure, entertainment

What pupils will learn: The children will learn about the changes in an aspect of social history. We will focus on leisure and entertainment, and how television and music has changed from decade to decade.

Art

Key vocabulary: shade, tone, blend, perspective, cross-hatch, composition, sketch, texture, line

What pupils will learn: about the artist, Peter Thorpe and explore how he created his work.

The children will develop their control and use of materials, creativity, experimentation and awareness of different kinds of art. They will use their sketchbooks to record their ideas and to explore various media. They will use a range of techniques to create mood and feeling. They will improve their mastery of painting, mixing and matching colours/ tones/ tints/ shades to create atmosphere and light effects.

Computing

Key vocabulary: timer, if/else, variable, sequence, algorithm, collision detection, repeat, output, input, sequence.

What pupils will learn: In our computing sessions, the children will develop their skills of coding to create a playable game using a range of variables. The children will also further their knowledge of online safety. They will be aware of the possible dangers faced when using the internet and understand the advantages and disadvantages of sharing information online.

PSHE including well-being and mental health

Key vocabulary: family, support, stereotype, disability, friendship, bullying, bystander, attributes, marriage.

What pupils will learn:

Family & relationships – throughout this unit the children will learn to recognise how their actions affect themselves and others and explore the ups and downs of friendships. They will explore the concept of marriage and self-respect as well as human rights. They will discuss and begin to understand more about bullying and how to get help and explore the impact of stereotypes and how it can lead to discrimination. Throughout the term the children will have weekly discussions based on the No Outsiders topic, covering LGBTQ+, race, disability, equality and resilience.

RE

Key vocabulary: sacred, bible, text, importance, religious, Psalm, Proverbs, chapter, verse, wise, law, purpose, saviour, prophet, Trinity, father, son, Holy Spirit

What pupils will learn: The children will learn about the origins and meaning of the Holy Trinity and investigate why Christians say that Jesus is the Son of God and God of man. We will gather and compare viewpoints from different religions and look in detail at the prophecies detailed in the Old Testament. Looking at the Lords' Prayer and Parables of the Kingdom the children will explain how Christians seek to live. The children will also suggest lines of enquiry and investigate differing religious and non-religious viewpoints of creation and marriage.

PE

Key vocabulary:

Football: tactics, defending, attacking, techniques, implement and strategy

Dance: complex extended sequences, combine, perform, consistency, audience, link, vault, spring

What pupils will learn:

The children will learn to choose a tactic for defending and attacking, use a number of techniques to pass, dribble and shoot, to gain possession by working as a team and to pass in different ways.

In dance the children will learn to match movement to the beat and rhythm of songs, as well as learning different dance styles.

Music

Key vocabulary: composer, notation, tuned, untuned, composition, ostinato.

What pupils will learn: We will learn about the composer/musician Clara Schumann and listen to her different compositions. We will also learn about Ancient Egyptian composition notation and the Blues musical style.

MFL

Key vocabulary: Je suis, heureux, perdu, fier, surprise, J'ai, faim, soif, chaud.

What pupils will learn:

In French, the children will learn how to say an extended sentence about how they are feeling with a reason, say a third person singular sentence with details about someone else. The children will also recognise and say at least 5 school subjects and say and write an extended opinion about a school subject using a like/dislike verb. After half term the children will understand at least 5 places in the city/town nouns and say and write a simple sentence to describe what is a town/city. They will also say and write the nouns for souvenirs and ask and answer politely to purchase an item. Then the children will participate in a simple dialogue about shopping.

