



## Gainsborough Primary and Nursery School 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:** During the Autumn term the children will write a biography of a famous astronaut, write a narrative, an information text, a diary and use direct and indirect speech. The children will 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, to 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: its countries, major cities and physical features, before learning about the Amazon Rainforest and Amazon River.

### Design Technology

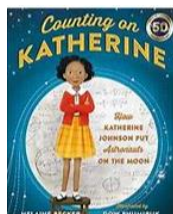
**Key vocabulary:** saw, sand, smooth, truss, reinforce, support,

**What pupils will learn:** During the autumn term, 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:



## Visits

24<sup>th</sup> September - Crewe Library – FREE

19<sup>th</sup> November - New Vic Theatre Christmas  
Production – Price £19.50

### 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, separating mixtures and will carry out a variety of different experiments.

### **History – Change to leisure and entertainment across the 20<sup>th</sup> Century**

**Key vocabulary:** Timeline, chronological, 20<sup>th</sup> 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.

### **Art**

**Key vocabulary:** Shade, tone, blend, perspective, cross-hatch, composition, sketch, texture, line.

**What pupils will learn:** To develop their control, use of materials, creativity, experimentation and awareness of different kinds of art. They will use their sketchbooks to record their ideas and to experiment with the various media. They will use different 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. They will look at the artist, Peter Thorpe and complete a study of his work.

### **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:** tactics, defending, attacking, techniques, implement and strategy. Gymnastics - complex extended sequences, combine, perform, consistency, audience, link, vault, spring.

**What pupils will learn:** Through our weekly Sportscape sessions, 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:** mon [my], ton [your], anniversaire (m) [birthday], la date (f) [date], premier (m) [first], J'habite à... [I live in...], Où [where], Où habites-tu? [Where do you live?].

**What pupils will learn:** To read carefully and show understanding of words, phrases and simple writing. To listen to and respond to simple French conversations (including hello, how are you, name, age and where they live). To talk about important dates e.g. birthdays- ask and state when people's birthday are. They will listen to, read and interact with a traditional story (the Christmas story). Write 3-4 sentences in French (based on a topic that they have been taught).