



Gainsborough Primary and Nursery School

Curriculum Brochure for Parents and Carers



English

Key vocabulary: prefixes, modal verbs, expanded noun phrases, commas, fronted adverbials, inverted commas, direct speech.

What pupils will learn: This term we will be reading the book 'Curiosity' by Markus Motum and we will be using it as a basis to write a space journey narrative and a formal mission log. In this unit we will be developing our understanding of verb prefixes, modal verbs, expanded noun phrases, commas after fronted adverbials and inverted commas for direct speech.

Geography

Key vocabulary: countries, counties, regions, South America, Amazon Rainforest, Equator, Arctic, Antarctic

What pupils will learn: This term in the unit 'The UK', the children will locate the world's countries and counties, identify and name significant rivers within the UK and begin understanding environmental threats and how we can prepare and mitigate their impact. In the second unit 'The World', the children will locate the world's countries, use maps to focus South America and know the significance of the Equator and of the Arctic and Antarctic circles.

Design Technology

Key vocabulary: gears, pulleys, force, evaluate, design

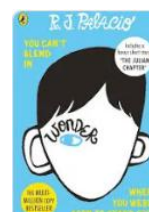
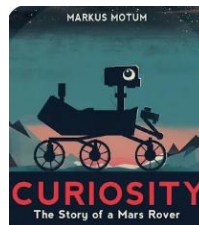
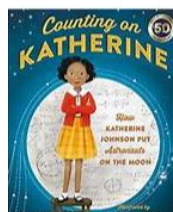
What pupils will learn:

In DT, the children will investigate the history, mechanics and uses of gears and pulleys. The children will design and make a gear and pulley system and write and use a design brief to guide design. They will evaluate a product against a set of design criteria, provide useful feedback and incorporate changes and draw and annotate an eco-gadget bike design.

Year 5
Autumn Term 2026

To Infinity and Beyond...

Focus texts:



Trips

Jodrell Bank- Wednesday 30th September- £13 approx.

Crewe Library- Wednesday 18th November – there is no charge for this visit

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:

In this unit, the children will describe the movement of the Earth and other planets relative to the sun in the solar system and describe the movement of the Moon relative to the Earth. They will also describe the Sun, Earth and moon as approximately spherical bodies and use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky. In the next unit 'Properties and changes of materials', the children will also learn about comparing and grouping materials 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 20th Century

Key vocabulary: Timeline, chronological, 20th Century, leisure, entertainment, technological advancement, foreign travel

What pupils will learn: The children will learn about the changes in an aspect of social History. We will focus on the 20th century, changes to leisure and entertainment, how the leisure and entertainment industries changed and how TV, radio and music has changed since the 20th century.

Art

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

What pupils will learn: The children 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: quiz, features, simple, advanced, interactive, debug, databases, data, record, filter, query, sort, group

What pupils will learn: In our first unit ‘Quizzing’, the children will explore different types of quizzes, features of 2Quiz and experiment with creating quiz questions. The children will apply knowledge of 2Quiz to design an educational quiz based on a chosen topic. In our second unit on databases, the children will understand what a database is, they will design and create a database, build queries to find information and solve problems using a database.

PSHE including well-being and mental health

Key vocabulary: light activity, mental health, moderate activity, regulate, response, vigorous activity, human rights, families, support, protect, friendships, assertive, respectful

What pupils will learn: In the first unit ‘How I can support my mind and body as I grow’, the children will be able to identify nutrients on traffic light food labels to make a healthier choice, explain how physical activity supports the body, name a range of more complex feelings and describe ways to look after mental health. In the second unit ‘connecting with others’, the children will understand human rights and children’s rights, understand more about themselves, how families can support and protect each other, how to maintain healthy friendships and how to be assertive and respectful.

RE

Key vocabulary: Brahman, manifestation, atheist, perspective, Holi, Diwali, Prophecy, Prophet, Messiah, Kingdom of God, Will, Heaven, lifestyle

What pupils will learn:

During the first half term, the children will learn about the religion Hindu Dharma. In this unit, the children will understand that Hindus believe in one ultimate reality called Brahman, who has many forms. We will explore how Hindus use symbols, stories, and multi-sensory worship to connect with God, and how festivals bring their beliefs about good overcoming evil to life. In the second half term, the children will learn about Christianity. In this unit the children will understand about ancient biblical texts and they will explore the theological concept of the Kingdom of God, as both a future hope and a current lifestyle, explaining how this belief drives modern Christians to actively advance justice and peace. Additionally, they will identify the practical ways Christians maintain a relationship with God through prayer, worship, and resilience during challenging times.

PE

Key vocabulary: tactics, defending, attacking, techniques, implement, strategy, stretch, turn, bend, balance, direction, high, low

What pupils will learn: Through our weekly Sportscape sessions in football, 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: This term the children 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, Paris

What pupils will learn:

In French, the children will be learning all about ‘Me and my friends at school’. In this unit they will be learning adjectives to say how they feel, they will begin to answer the question ‘How are you?’ in more detail, say an extended sentence about how they are feeling, say something important about themselves and somebody else and give opinions about school subjects. The second unit we will be studying is ‘Time in the city’. In this unit they will be learning facts about the capital city of France, asking for an entrance ticket, giving and understanding simple directions around a city and describing a city.

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