



# Gainsborough Primary and Nursery School

## Curriculum Brochure for Parents and Carers



### English

**Key vocabulary:** Relative clauses, prepositions, expanded noun phrases, conjunctions, commas, dashes, brackets, colons, semi colons, openers, inverted commas

**What pupils will learn:**

In English this year, we have already visited South America and the Maya civilization. This term we shall be looking at Scandinavia relating to The Vikings and also the Himalayan mountain range. The children will be learning to develop the use of direct speech within their writing, as well as using a variety of different sentence structures. They will also be writing stories, letters, diary entries and newspaper reports.

### History- Vikings

**Key vocabulary:** Vikings, Anglo-Saxons, homeland, settlements, invade, monastery, raid allies, victory

**What pupils will learn:**

I understand when the Viking era was, where they came from and why they invaded our country.  
 I can describe Viking raids, invasions and the resistance by Alfred the Great and Athelstan, first King of England.  
 I can discuss Anglo-Saxon laws and justice.  
 I can learn about The Viking and Anglo-Saxon struggle for the kingdom of England to the time of Edward the Confessor.

### Music- Film music & pop art

**Key vocabulary:** Unison, symbol, solo, sequence, pitch, improvise, interpret, emotion, dynamics, composition.

**What pupils will learn:**

Use the term major and minor.  
 Identify different instruments to describe emotions.  
 Identify pitch, tempo and dynamics.  
 Use body, voice and instruments to create sounds.

### Design Technology: CAD systems

## Year 6 Spring Term

# Vikings

Focus texts:

Viking Boy- Tony Bradman



Trip- Tatton Hall Viking Experience  
 Thursday 15<sup>th</sup> February 2024  
 approximate cost £18

### Maths

**Key vocabulary:** fractions, decimals, percentages, multiplying, dividing, algebra, equations, imperial measures, metric measures, area, perimeter, volume, ratio, scale

**What pupils will learn:**

In maths this term the children will be looking at multiplying and dividing decimals, working out percentages of amount and missing values. The children will also be using algebra to find a rule and to solve equations. Late in the term the children will be using imperial and metric measures and work out perimeter, area and volume. We will then look at ratio and proportion. This will be achieved through our use of Power Maths.

### Science – Electricity and Living things and their habitats

**Key vocabulary:** circuit, voltage, current, buzzer, motor, switch, battery, cells

**What pupils will learn:**

I know that the brightness of a lamp or volume of a buzzer is associated with the number of voltage of cells in a circuit.  
 I know the symbols in a simple circuit diagram.  
 I can compare and give reasons for variations in how components function.  
 Describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including microorganisms, plants and animals.  
 Give reasons for classifying plants and animals based on specific characteristics

### Geography- Map work and mountains

**Key vocabulary:** mountain range, peak, summit, terrain, Snowdon, Ben Nevis

**Key vocabulary:**

Smart, smartphone, equipment, navigation, cardinal compass, application (apps), pedometer, GPS tracker, design brief, design criteria, client, function, program, duplicate, replica, loop, variable, value, if statement, corrode.

**What pupils will learn:**

Placing and manoeuvring 3D objects, using CAD.

Changing the properties of, or combine one or more 3D objects, using CAD.

Explaining material choices and why they were chosen as part of a product concept.

Programming an N, E, S, W cardinal compass.

Explaining how my program fits the design criteria and how it would be useful as part of a navigation tool.

Explaining the key functions and features of my navigation tool to the client as part of a product concept pitch.

**Art – Drawing – Da Vinci**

**Key vocabulary:**

impressionist, mood, atmosphere, vision, rhythm, unity, variety, value, contrast, comparison, abstract, horizon

**What pupils will learn:**

Drawing To develop their control, use of materials, creativity, experimentation and awareness of different kinds of art.

Create compositions that communicate, emotions, accuracy, imagination, scale, perspective and proportion.

**MFL- All about me**

**Key vocabulary:** Le poisson, le glace, le lait, le pain, le fromage, le chocolat, le poulet, Il y a du soleil, il fait gris, Il y a des nuages, Il fait du vent, Il neige, Il fait chaud.

**What pupils will learn:**

Hold a conversation with a friend (including greetings, how are you, name, age, where they live, their birthday, their family, hobbies and what they like and dislike).

Numbers 32-50, names of transport, types of weather, hobbies, how to turn a positive statement into a negative, e.g. I have, I have not.

**PSHE including well-being and mental health**

**Key vocabulary:** antibodies, growth mindset, habit, qualities Responsibility, skill, vaccination, alcohol, bladder, breasts, cervix, conception, egg or ova, fallopian tube, fertilisation, genitals, menstruation/period, ovary/ovaries, penis, pregnant, puberty, uterus, vagina, voice breaking, womb.

**What pupils will learn:**

I can tolerance and understand different cultural traditions

I can understand the potential impact of technology on physical and mental health

I can reflect on skills they have developed to identify and respond to difficult situations

I can understand ways that we help prevent ourselves and others becoming ill

I can understand what happens when we are ill and begin to understand when to seek support

I can further tolerance and understanding of different cultural

I can understand the risks of alcohol

I can understand that online relationships should be treated in the same way as face to face relationships

I can understand the changes that happen during puberty.

I can understand the biology of conception.

**RE- Christianity**

**Key vocabulary:**

Religion, Christian, beliefs, worship, forgiveness, faith, celebration, resurrection.

**What pupils will learn:**

I can explain the roles of 'Father, Son and Holy Spirit' (Trinity) in the Christian view of God.

I can explain what the inside of a church looks like (and some of the ceremonies that take place there)

I can explain key events in the life of Jesus

I can describe how signs of salvation in a church reinforce the Christian idea of forgiveness.

I can identify ways that Christians believe God is with them (prayer; worship; peace, in hard times.)

I can explain how the celebration of Easter links to forgiveness.

**What pupils will learn:**

I can name significant mountains within the UK.

I can name and locate The Alps, Himalayas and The Andes on a map.

I can accurately describe where Everest is.

I can use an ordinance survey map and 6 figure references.

I can create a physical map using symbols used on an ordinance survey map.

**Computing –Coding and spreadsheets**

**Key vocabulary:** Row, data, spreadsheets, column, formulae, action, coordinates, execute, algorithm, event, command, debug, flowchart.

**What pupils will learn:**

Designing and making a more complex program

Using functions

Flowcharts and charts simulations

User input

Text based adventures

Exploring probability

Creating a computational model

Use a spreadsheet to plan pocket money spending

Planning a school event

**PE- dance and gymnastics**

**Key vocabulary:** rhythm, floor exercises, balance, landing, jump, rolls, movement, coordination

**What pupils will learn:**

I can create a series of controlled movements, patterns and sequences.

I can use flexibility, strength and control to perform movements successfully.

I can choreograph my own sequence and perform both individually and as part of a larger group.

I can plan with others taking account of safety and danger.

I can link sequences to specific timings.