

# Goring C of E Primary School Year 5 Curriculum

## English

*Key Genres: Diary writing, persuasive texts, descriptive writing, news reports, stories, poetry, information texts, play scripts, interviews.*

<h3 style="color: red;">READING</h3> <ul style="list-style-type: none"> <li>Discuss authors' use of language</li> <li>Retrieve &amp; present information</li> <li>Formal presentations &amp; debates</li> <li>Draw inference &amp; make predictions</li> <li>Identify &amp; discuss themes</li> <li>Make recommendations to others</li> <li>Learn poetry by heart</li> </ul> <p>Read &amp; discuss a broad range of genres &amp; texts</p>	<h3 style="color: red;">WRITING</h3> <ul style="list-style-type: none"> <li>Use consistent appropriate tense</li> <li>Proof-reading</li> <li>Perform own compositions</li> <li>Develop character, setting and atmosphere in narrative</li> <li>Plan writing to suit audience/purpose</li> <li>Legible, fluent handwriting</li> <li>Secure spelling, including homophones, prefixes, silent letters etc.</li> <li>Use a thesaurus</li> <li>Use organisational and presentational features</li> </ul>	<h3 style="color: red;">GRAMMAR</h3> <ul style="list-style-type: none"> <li>Use brackets, dashes &amp; commas for parenthesis</li> <li>Use commas for clauses</li> <li>Use expanded noun phrases</li> <li>Use modal &amp; passive verbs</li> <li>Use relative clauses</li> </ul> <h3 style="color: red;">Speaking &amp; Listening</h3> <ul style="list-style-type: none"> <li>Give well-structured explanations</li> <li>Consider &amp; evaluate different viewpoints</li> <li>Use appropriate register</li> <li>Command of Standard English</li> </ul>
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## Art

*Historical art – Holbein and Tudor portraiture, marbling – space artwork, 3D artwork – Tudor masks, Pandora's box collage, silhouettes and skylines*

### Key Skills:

- Use sketchbooks to collect, record and evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

## Computing

- Design & write programs to achieve specific goal, including solving problems
- Create and debug games
- Use logical reasoning
- Use sequence, selection and repetition in programs
- Understand computer networks
- Use internet safely and appropriately
- Use search technologies effectively
- Select, use & combine a variety of software to accomplish given goals and present information

## Mathematics

KEY SKILLS

<h3 style="color: red;">Number/Calculation</h3> <ul style="list-style-type: none"> <li>Secure place value to 1,000,000</li> <li>Use negative numbers in context</li> <li>Use square and cube numbers</li> <li>Use Roman numerals to 1000</li> <li>Use rounding to check answers</li> <li>Identify multiples, factors &amp; primes</li> <li>Use standard written methods for all four operations</li> <li>Use long and short multiplication</li> <li>Use short division</li> <li>Multiply &amp; divide by powers of ten</li> <li>Confidently add &amp; subtract mentally</li> </ul>	<h3 style="color: red;">Geometry &amp; Measures</h3> <ul style="list-style-type: none"> <li>Convert between different units</li> <li>Calculate perimeters of composite shapes and areas of rectangles</li> <li>Estimate volume &amp; capacity</li> <li>Identify 3D shapes</li> <li>Measure &amp; identify angles</li> <li>Understand regular polygons</li> <li>Reflect &amp; translate shapes</li> </ul> <h3 style="color: red;">Data</h3> <ul style="list-style-type: none"> <li>Interpret, read tables, line graphs and timetables</li> </ul>	<h3 style="color: red;">Fractions</h3> <ul style="list-style-type: none"> <li>Compare &amp; order fractions</li> <li>Convert between mixed numbers &amp; improper fractions</li> <li>Use equivalent fractions</li> <li>Add &amp; subtract fractions with common denominators</li> <li>Multiply fractions by units</li> <li>Write decimals as fractions</li> <li>Order &amp; round decimal numbers</li> <li>Compare numbers with up to 3 decimal paces</li> <li>Link percentages to fractions &amp; decimals</li> </ul>
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## Design & Technology

*Healthy foods and balanced diet, smoothie-making, bread-making, building bridges for River Thames.*

### Key Skills:

- Use research & criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products and improve own work
- Use mechanical systems in own work
- Understand seasonality; prepare & cook

## Geography

*Geography of the UK and the capital*

- Use maps, atlases, globes and digital mapping
- Locate the world's countries
- Identity the Equator, Northern and Southern Hemisphere, and the Arctic and Antarctic Circle
- Locate and name the main cities in UK
- Compare London to a local area study
- Use fieldwork to measure and record human and physical features in the local area

## Science

### Biology

- Life cycles of plants and animals (including mammal, insect, bird, amphibian)
- Describe changes as humans develop & mature

### Chemistry

- Classify materials according to a variety of properties
- Dissolving, separating, filtering, sieving, evaporating
- Understand mixtures & solutions
- Know about reversible changes; identify irreversible

### Physics

- Understand location and interaction of Sun, Earth & Moon; day & night
- Introduce gravity, resistance & mechanical forces

## History

- The Tudor dynasty and its power.
- Henry VIII's reasons for marrying six times, his divorce and the break with Rome, the dissolution of the monasteries and formation of the Church of England.
- Tudor life for the rich and poor.
- Significant achievements through the Tudor period and how they brought about change.
- The achievements of the Ancient Greek civilization.
- A study of Greek life and achievements and their influence on the Western world)
- The legacy of Greek culture on later periods in British history

## PSHE

- New beginnings
- Getting on and falling out
- Going for goals
- Good to be me
- Relationships
- Changes
- Plus topic based PSHE

## French

- Listen and engage; ask and answer questions
- Speak in sentences using familiar vocabulary
- Develop appropriate pronunciation
- Appreciate stories, songs, poems & rhymes
- Broaden vocabulary

## Music

- Use instruments with increasing accuracy, control and expression
- Improvise and compose music
- Listen with attention to detail
- Appreciate wide range of live & recorded music
- Play and perform in solo and ensemble contexts

## Physical Education

*Gymnastics, dance, athletics, OAA, fitness & health, invasion games, racket & ball skills, striking and fielding*

- Running, jumping, catching & throwing in isolation and in combination
- Play competitive games, modified as appropriate
- Develop flexibility & control in gym, dance & athletics
- Compare performances to achieve personal bests

## Religious Education

### Christianity

Jesus' teachings and friends, Bible stories, Advent, creation stories, Christian festivals and celebrations

### World Religions

Rules to live by

Symbols of Faith