

GORING CHURCH OF ENGLAND (AIDED) PRIMARY SCHOOL

YEAR 5

CURRICULUM INFORMATION

Spring Term

*TOPIC:*

*Groovy Greeks...*



## Mathematics



The children will:

Multiply and divide numbers mentally drawing upon known facts.

Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers.

Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context.

Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.

Compare and order fractions whose denominators are multiples of the same number.

Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements  $>1$  as a mixed number [for example  $4/5 + 2/5 = 6/5 = 1 \frac{1}{5}$ ] Add and subtract fractions with the same denominator and denominators that are multiples of the same number.

Read, write, order and compare numbers with up to three decimal places. Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.

Round decimals with two decimal places to the nearest whole number and to one decimal place.

Solve problems involving number up to three decimal places. Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal.

## Writing

We will be reading a range of fiction, non-fiction and poetry texts linked to the topic. Our writing will include:

- Writing a Greek myth
- Poetry
- Lifestyle magazines
- Olympic games - ancient and modern



## Composition, spelling and grammar

We will be working on spelling patterns and lists set out within the National Curriculum framework, including:

- Prefixes and suffixes
- Converting nouns/adjectives to verbs using the suffixes -ate, -ise and -ify
- Words of Greek origin in the English language
- Homophones
- Eponyms and acronyms
- Noun phrases and fronted adverbials
- Expanding sentences with more than one clause using a range of conjunctions and using commas to clarify meaning or avoid ambiguity.
- Use modal verbs to indicate degrees of possibility.

## Handwriting

We expect the children to use a neat, joined and consistent handwriting style in all their writing.

## Science

We will be learning about lifecycles in the second half term.

- Describe the differences in life cycles of a mammal, an amphibian, an insect and a bird.
- Describe the process of reproduction in some plants and animals.
- Describe the changes as humans develop to old age.

## Computing and ICT

We will be using ICT and digital technologies to enhance learning across all areas of the curriculum.



In weekly computing lessons, we will be working in pairs to create a web page about a fantastic mythical beast. This will become part of the class Wiki project - Fantastic Beasts and where to find them!

## Design and Technology

The children will:

- Research, design and make Greek bread.
- Evaluate products against their plans to consider whether they have met the design criteria.



## History

Our topic will focus on the legacies of the ancient Greek civilisation on culture and lifestyle today. Children will research and learn about:

- Creating a timeline - how ancient Greece relates to the present day and other historical times.
- Investigate the differences and similarities between Athens & Sparta city states including school life.
- Democracy & justice in ancient Greece including ostracism.
- Recognise features of Greek theatres and compare with today.

## Art

The children will:

- Research the creatures that came out of Pandora's Box and sketch what they might look like.
- Develop one of their sketch ideas into a design for a large collage of the creature.
- Create a 3D collage of different textures.



## Music

Children will:

- Musically represent parts of 'Theseus and the Minotaur'.
- Distinguish between different pitches & rhythms.
- Recognise that music can sound like a particular mood or character.



## R.E.

Understanding Christianity - What would Jesus do?

We will be looking at the Gospel teachings of Jesus and what that means for Christians and the world today. Jesus' values favour the weak and vulnerable and these did not always make people feel comfortable. How can you 'love your enemy?' We will look at betrayal and forgiveness and how to put 'Love thy neighbour as thyself' into practice. As we approach Easter we will be learning more about Jesus' death, sacrifice and the resurrection. Christians believe that Jesus calls them to sacrifice their own needs to the needs of others.

## P.E.

### Gymnastics

Children will gain an appreciation of skills and ways to travel through the air onto and off apparatus using strength and power.



### Invasion games

Children will develop the range of skills needed in invasion games with accuracy, confidence and control exploring attacking principles within the game and communicating effectively with their team.

## PSHCE

PSHCE will include:

- Money and the advantages of saving
- Smoking and health related issues
- Personal rights and human rights
- Sexism, racism, disability and homophobia
- Working collaboratively in a team to achieve a challenge.



## French

Children will be following a scheme of work in French lessons to recap known words and phrases, as well as learning new vocabulary relating to:

- Constructing sentences using learnt vocabulary
- Giving classroom instructions in French
- Numbers - there is/there are (il y a)
- Using 'ou', 'et' and 'aussi' as conjunctions
- Famous landmarks and monuments in Paris



Alongside learning how to speak French with developing confidence, there will be an added focus on writing and reading French words and phrases.

## HOW CAN YOU HELP YOUR CHILD?

In preparation for the term, you could help your child search for, or make books, pictures, artefacts, models about:

- Greek temples
- Greek Gods and Goddesses

At home, during the term you can support your child in the following areas:

### English

- Find time to read with your child **every day**. Ask your child to retell the story in their own words to check for understanding. **Focus on good comprehension questions to ensure your child can infer texts at a deeper level.**
- Practise any spelling words using the following format:



**LOOK** - look at and encourage your child to write it down or with their fingertip in the air or on the tabletop.

**COVER** - cover the word and see if they can remember it.

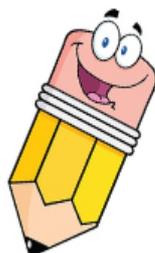
**WRITE** - now try to write the word as they remember it.

**CHECK** - check if they are right, if not, look again and try to remember and write it.

**Children should be encouraged to write the spellings in context, within a sentence.**

**Weekly spelling challenges** will be given as regular homework to learn and will be tested in class on Fridays. Please practice these words with your child at least 3 times a week. There will also be an optional weekly extension spelling activity on the bottom of their weekly spelling list.

Please encourage your child to use a neat, joined and consistent handwriting style as this is an expectation for year 5.



## Mathematics

### At home you can:

- Practise times tables up to 12x12 (quick recall).
- Learn division facts to aid multiplication including, being able to give multiplication facts when provided with the product only.  
e.g. Question "63 divided by 9?" Answer "Seven." or the reverse.
- Know all their square numbers up to 12 x 12 (quick recall).
- Know all their prime numbers up to 20.
- Know all their cube numbers up to  $10^3$ .
- Practise telling the time in analogue/digital in 12 and 24hr time.
- Practise converting different units of measure.
- Practise addition and subtraction of larger numbers using written methods.
- Practical work with money and decimals - for example, find the total of 2 items and work out the change.

Please note that children are expected to know their times tables up to 12x12 by the end of Year 4. The best way you can help us is to practice these every day until children are completely fluent (division facts and all)! This will help in almost every area of maths.

*We hope this information will be useful.*

