Owl Class
Autumn Term 2 – 2026
Navigation



Maths

Multiplication and Division (1)

- Multiples
- Common multiples
- Factors
- Common factors
- Prime numbers
- Square numbers
- Cube numbers
- Multiply by 10, 100 and 1000
- Divide by 10, 100 and 1000
- Multiples of 10, 100 and 1000

Fractions (1)

- Find fractions equivalent to a unit fraction
- Find fractions equivalent to a non-unit fraction
- Recognise equivalent fractions
- Convert improper fractions to mixed numbers
- Convert mixed numbers to improper fractions
- Compare fractions less than 1
- Order fractions less than 1
- Compare and order fractions greater than 1
- Add and subtract fractions with the same denominator
- Add fractions within 1
- Add fractions with total greater than 1
- Add to a mixed number
- Add two mixed numbers
- Subtract fractions
- Subtract from a mixed number
- Subtract from a mixed number – breaking the whole
- Subtract two mixed numbers

Religious Education

Our topic this term is 'Prophecy and Promise'. We will be looking at good examples of leadership in the Bible, focussing on David. We will then make links between this and our learning last term on Covenents.

- Know about the Rosary
- Explore leaders in the Old Testament
- Explore David's life

God's values are embedded into school life which we prioritise discussing and acting on as well as gathering for collective worship throughout the week.

Geography

Our focus this term is 'Locational knowledge' and we will be looking at features of navigation.

In this topic, the children will:

- Use an atlas, maps and globes to locate with countries lie on certain compass points of the Earth
- Compare climate zones and discuss how these are dependent on their location on Earth
- Find approximate coordinates of major cities around the world using maps and longitude and latitude
- Locate two different places and describe their location and features using key vocabulary
- Create a report about research they have carried out on navigation.

Science

This term we will be continuing our work on 'Properties and the changes to materials', looking at how to separate materials.

Design and Technology

This term our topic is mechanisms where we will be creating moving toys using cam mechanisms.

In this topic, the children will:

- Research about different animals to inform their design
- Explain how cam mechanisms work
- Explore cam movement and select materials according to their functional properties
- Design their toy against the design criteria
- Build their moving toy using a range of tools and equipment
- Evaluate their final product

Music

We will be following the Sing Up! Music Scheme in addition to children receiving ukulele tuition from a peripatetic tutor every fortnight. This term the children will be focussing on Nasheed (Islamic song), drone, melody, harmony, chords (G and D) and vocal decoration.

Computing

We will be following Switched on Computing's program of study. Our unit this term is 'We are cryptographers' and will focus on the children cracking codes. The objectives of this unit are to learn:

- About using semaphore and Morse code
- To understand the need for private information to be encrypted
- To encrypt and decrypt messages in simple cipher
- About the need to use complex passwords and to keep them secure

English

Our core text this term will be *There's a Boy in the Girl's Bathroom* by Louis Sachar.

We will be working alongside the talk for writing process which will include using a WAGOLL (model text), the boxing up process, editing and improving, aiming to use ambitious vocabulary and differing sentence structures. Throughout the term we will be producing a range of published pieces of writing including play scripts, instructions, and diary entries.

PE

In PE we follow the PASS PE scheme and this term the focus will be on street dance and gymnastics.

In **Street Dance** pupils will learn to:

- Show good timing and control and sometimes remember all of the movements in the correct order.
- Use repetition and change 4 motifs using different dynamics.
- Create a dormouse motif phrase showing clear ideas
- Chose characters to complement each other and choreograph some interesting group shapes.
- Chose endings to show creativity and a clear ending position.
- Remember most of the dance.

In **Gymnastics** pupils will learn to:

- Develop understanding of speed and direction when rolling.
- Develop jumping technique using turns, half turns and shapes.
- Explore ways of jumping and vaulting to and from apparatus.
- Be able to construct a short sequence exploring various ways of jumping and vaulting to and from apparatus.
- Create a gymnastic sequence using apparatus including a range of rolls, jumps, movement and balances.
- Perform the final sequence and peer assess performance.

Languages

We will be using Language Nut to support the teaching of French. This term the children will be focussing on greetings, where they live and phonics GN and N.

Catholic Social Teaching

Geography:

Solidarity: Teaches us that we are all part of one global family, regardless of where we live in the world. We should recognise, respect and value the differences between countries, cultures, climates and communities, understanding that we all have a responsibility to care for one another and our common home.



Science:

Stewardship: Teaches us that the Earth is a precious gift from God and that we have a responsibility to look after the world and its resources. By learning about materials, we can develop an understanding of recycling, reusing materials and reducing waste to protect our environment.



English:

Human Dignity: Teaches us that every person is created in the image and likeness of God and is therefore unique, valuable and deserving of love, kindness and respect. This closely links to the novel's exploration of friendship, behaviour, relationships, self-esteem and the importance of looking beyond outward behaviour to understand how someone might be feeling.

