



Year 5 Curriculum

Maths

Year 5 children will be deepening their knowledge and skills of multiplication and division.

Key concepts covered this half term

- Formal written methods of multiplication
- Using factors and multiples to solve word problems
- Methods to solve division problems including sharing grouping and chunking
- Formal written methods of division
- Inverse relationship between multiplication and division

Diagram illustrating division: $7 \div 2 = 3 \text{ rem. } 1$

Labels: Dividend (7), Divisor (2), Quotient (3), Remainder (1).

Diagram illustrating multiplication: $5 \times 3 = 15$

Labels: FACTORS (5, 3), PRODUCT (15).

RE

In our RE lessons this half term our unit of learning is called **Prophecy and Promise**. The children will learn about the importance of the bible. How it should be read and respected and the importance of prayer. In the Old Testament, understand the book of Samuel including the story of Saul the life of King David including Goliath and the Palestines. The joyful mysteries of the Rosary and reflect on each joyful mystery. The Advent story, including Mary's obedience to God's call. Mary's meeting with Elizabeth. The birth of Jesus.



PE for Year 5 will take place on Wednesday for St Kizito and St Francis. Please remember to wear your PE kit to school on this day. Girls please ensure that hair is tied up at all times and earrings are removed before the lesson.



Knowledge Map - Advent 2 - 2025/2026

English

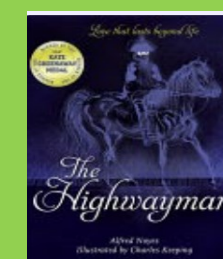
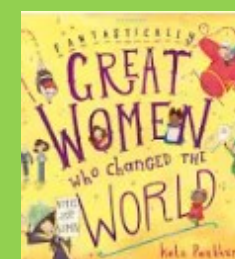
In English we will be securing our knowledge of sentence structure through the book *The Spider and the Fly*.

In our narrative section we will be reading the wonderful book *The Promise* where a young thief is compelled to make a promise which is the beginning of a journey that will change everything for ever

As part of our work on biographies we will be looking at life stories of amazing women who changed the world like, e.g. Mary Anning, a famous palaeontologist, Marie Curie, a famous woman scientist who received a Nobel Prize in the fields of Chemistry and Physics and many more fascinating women.



Reading



This half term in Guided Reading we will be exploring the books *Great Women Who Changed the World* and *The Highway Man*. Our class novel will be *The Last Bear* by Hannah Gold

Prayer

Loving God,

A we continue our Advent journey, help us to be patient and full of hope

Teach us to prepare our hearts for Jesus

By showing kindness and peace each day.

May your light grow within us as we wait for the joy of his coming.

Amen



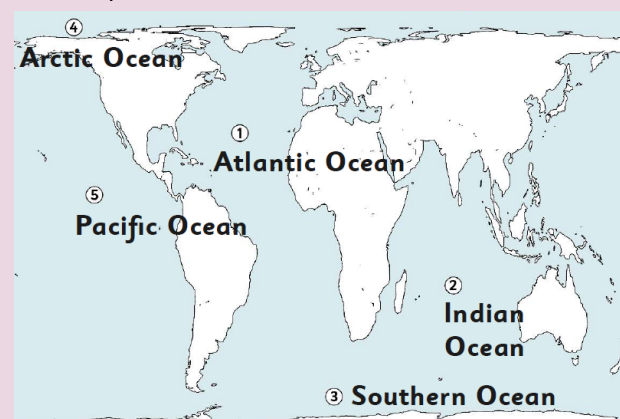
Our School Mission Statement

Jesus at the Heart of all that we do.



Geography - Oceans Around the World

In Geography this half term we are going to revisit our knowledge of oceans and where they are located. We are going to learn about oceans as ecosystems and explore threats to our oceans.



Plastic Pollution

One of the biggest problems facing our oceans and the creatures that live there is the amount of plastic pollution. Here are some statistics to learn before we deepen our learning later this term.



TTRS— Please log in to TTRS each week to join in the weekly challenges.

RSE

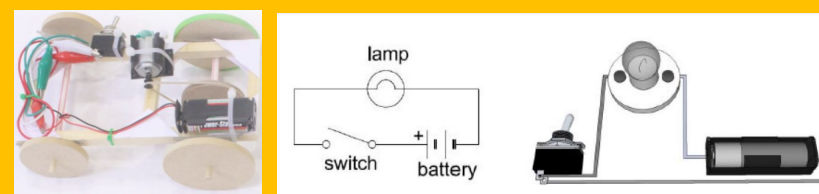
We will be learning that we are created by God and the importance of valuing ourselves and how to develop healthy relationships and how to keep safe both online and in our everyday lives



Scan the QR code for online safety information.

D & T- MECHANISMS

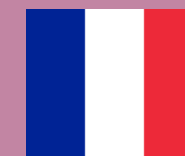
In DT, we will be designing and making a motorised vehicle. Can you remember the symbols in this simple circuit?



MFL

As part of our work in French this half term we will be looking at greetings we can use when we meet friends and talk about people who make up our family

We will also be looking at a typical French school day



Music

Learn to play the descant recorder and read music. Correctly hold a recorder. Identify the notes b, c, g, & e on a music stave. Learn simple tunes with accompaniment. Understand rhythm, beat and pulse.



Science—Materials

In Science this half term, we are going to be learning about materials. We will explore irreversible changes, like burning, which cannot be undone. And reversible changes, like melting and dissolving, which can be changed back again.

We will investigate how mixing substances can cause an irreversible change such as when vinegar and bicarbonate of soda are mixed, the mixture changes and lots of bubbles of carbon dioxide are made. We will also consider how a cooked egg cannot be changed back to a raw egg again.

We will conduct experiments involving how mixtures can be separated out by methods like filtering and evaporating.

solubility	Is a chemical property referring to the ability for a given substance, the solute, to dissolve in a solvent.
conductivity	Conductivity defines a material's ability to conduct electricity.
transparency	In general, transparency is the quality of being easily seen through.
thermal evaporation	Something that is thermal is hot, retains heat, or has a warming effect. Evaporation is the process of a substance in a liquid state changing to a gaseous state due to an increase in temperature and/or pressure.
dissolve	To dissolve is defined as to become broken up or absorbed by something or to disappear into something else.
bicarbonate of soda	a white water-soluble powder, used chiefly as an antacid, a fire extinguisher, and a leavening agent in baking.
thermal	Something that is thermal is hot, retains heat, or has a warming effect
filtering	To filter a substance means to pass it through a device which is designed to remove certain particles contained in it.
melting	Melting, is a physical process that results in the phase transition of a substance from a solid to a liquid.
separate	separate, part, and divide mean to break into parts or to keep apart.



Scan the QR code to find out more about reversible and irreversible changes.