

## Vocabulary

<b>spherical</b>	Shaped like a sphere / ball.
<b>rotation</b>	To spin around on itself from a central position.
<b>orbit</b>	To move around an object.
<b>physical geography</b>	Natural features on the surface of the Earth, such as water, mountains, and deserts.
<b>human geography</b>	Ways that humans have adapted and used the land - settlements, crops and other land usage.
<b>gravity</b>	A natural force from the Earth's core, pulling anything on the Earth's surface towards it.
<b>atmosphere</b>	The gases surrounding the Earth within the air.
<b>eclipse</b>	An alignment of objects in space, blocking / partially blocking the view from Earth of the object furthest away.
<b>vegetation</b>	The plants that are growing within an area.

## We are reading

This half term we will be reading a range of Science Fiction texts, including

**The Inventions of Hugo Cabret**

## Saint Clare's Catholic Primary School

**Year 5**  
**Spring Term 1**



## Maths Key Skills

Multiply and divide numbers mentally.  
Multiply numbers up to 4 digits by a one or two digit number using a formal written method.

Divide numbers up to 4 digits by a 1 - digit number using the formal written method of short division and interpret remainders.  
Solve problems involving addition and subtraction, multiplication and division and a combination of these.

Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.

## English Key Skills

Create complex sentences by using relative clauses with relative pronouns *who*, *which*, *where*, *whose*, *when*, *that*.

Create and punctuate complex sentences using opening clauses.

Identify and use commas to indicate parenthesis.

Select the appropriate language and structures & use different sentence structures with increasing control.

Use devices to build cohesion.

Use devices to build cohesion within a paragraph e.g. *firstly*, *then*, *presently*, *this*, *subsequently*.

## Religious Education

This half term we will start by looking at the events of the Epiphany, following on from Christmas. We will be learning all about World Faiths, before taking a look at Ash Wednesday and the sacraments of Baptism & Reconciliation.

## School and Parish Events

- Ash Wednesday service.

## Topic Based Key Skills for the lead subjects this half term

**Science - Earth & Space:** To describe the movement of the Earth and other planets relative to the sun in the solar system. Describe the movement of the moon relative to the Earth. Describe the sun, Earth and moon as approximately spherical bodies. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

**Geography - Physical & human geography of Peru:** Pupils should extend their knowledge and understanding beyond the local area to include South America. To understand geographical similarities and differences through the study of human & physical geography of a region of South America. Describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle; human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

**Art - South American Artist:** Children to be taught about great artists, architects and designers in history.

**Physical Health** - Gymnastics.

**HRSE** - Rituals celebrated in Church, Forgiveness, Worth and dignity as Gods creations, Communities, Jobs and Careers & Truthful and trustworthy.

**E-Safety** - Managing online information & Privacy and Security.