

## Vocabulary

<b>percentage</b>	The amount, number or rate of something, regarded as part of a total of 100; a part of a whole.
<b>decimal</b>	A decimal is a way of writing a number that is not whole. Decimal numbers are 'in between numbers.
<b>air resistance</b>	The action of friction that slows something moving through air.
<b>water resistance</b>	The action of friction that slows something moving through water.
<b>friction</b>	The action of one surface or object rubbing against another.
<b>levers</b>	A rigid piece which is capable of turning about one point, or axis.
<b>pulleys</b>	A wheel with a grooved rim around which a cord passes, which acts to change the direction of a force applied to the cord and is used to raise heavy weights.
<b>gears</b>	A toothed wheel that works with others to alter the relation between the speed of a driving mechanism and the speed of the driven parts.
<b>civilisation</b>	The stage of human social and cultural development and organisation that is considered most advanced.

## We are reading

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

**The Invention of Hugo Cabret**

## Saint Clare's Catholic Primary School

Year 5  
Spring Term 2



## Maths Key Skills

Read and write decimal numbers as fractions.

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. Recognise the percent symbol & understand that per cent relates to 'number of parts per hundred', & write percentages as a fraction with denominator 100, and as a decimal. Solve problems which require knowing percentage, decimal equivalents & fractions.

## English Key Skills

Create complex sentences by using relative clauses with relative pronouns who, which, where, whose, when, that.  
Create and punctuate sentences using simile starters.  
Identify and use brackets to indicate parenthesis.  
Blend action, dialogue and description within and across paragraphs.  
Assess the effectiveness of own and others' writing in relation to audience and purpose.  
Use expanded noun phrases to convey complicated information concisely.  
Explore, collect and use modal verbs to indicate degrees of possibility.

## Religious Education

This half term we will start by looking at the Ten Commandments, Lent, leading into Holy Week. We will also be learning about St Joseph and his feast day.

## School and Parish Events

- Lenten Reconciliation.
- RE week - Holy week.

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

**Science - Forces:** Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Identify the effects of air resistance, water resistance and friction, that act between moving surfaces. Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect

**DT - South American Foods:** Understand and apply the principles of a healthy and varied diet. Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.

**History - Ancient civilisation - The Inca's:** The achievements of the earliest civilizations - an overview of where and when the first civilizations appeared. Study of a non-European society that provides contrasts with British history.

**Computing - Modelling & multi media.**

**Physical Health** - Net and wall games - Tennis

**Mental Health** - HRSE - Growing in love for family, faith and community