

Curriculum Information - Year 6 - Autumn Term

Class Texts

The Demon Headmaster by Gillian Cross

English

Key objectives:

- Retrieving facts from the text and selecting evidence
- drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- predicting what might happen from details stated and implied
- identifying main ideas drawn from more than 1 paragraph and summarising these
- identifying how language, structure, and presentation contribute to meaning.
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Reading and Writing



RE

The Story of the People of God:

- Children will learn that the Bible is a library of books and will be able to identify some styles of literature in the Bible.
- Children will learn about some significant stories of people from the Old Testament and will discuss the relationship these people had with God.
- Children will recall and reflect on the Ten Commandments.



Followers of Christ:

- Children will learn about the many people that Jesus called to follow him and the reasons these people responded to his call.
- Children will discuss that following Christ sometimes demands sacrifices and they will be able to identify some vocations that exist in the life of the Church.
- **Baptism and Confirmation**
- Children will learn about the celebration of the Sacraments of Baptism and Confirmation.
- Children will explore the signs and symbols of both these Sacraments and will hear about the gift of the Holy Spirit being given in the celebration of these Sacraments.
- **Advent:**
- Children will deepen their understanding about the Season of Advent and learn about the two parts to this season.
- Children will learn about why it is important to prepare for Christ to come again.



- Children will write a modern parable and parts of a hymn about the coming of Christ into the world.



Maths

Place Value

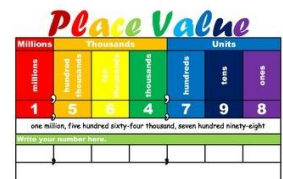
- Children will recognise, read and be able to say whole numbers up to 10,000,000.
- Recognise the place value of any digit in a whole number up to 10,000,000.
- Order and compare whole numbers up to 10,000,000.
- Round any whole number to a required degree of accuracy.
- Use negative numbers in context and calculate intervals across 0.

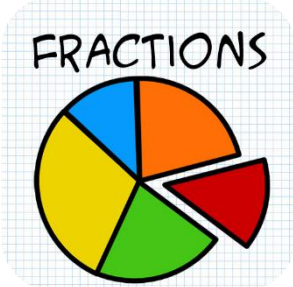


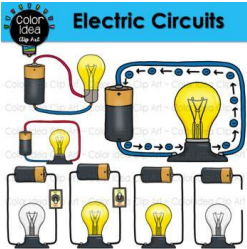
Four Operations:






- Children will be able to solve addition and subtraction multi-step problems in contexts deciding which operations and methods to use and why.
- Multiply multi-digit numbers up to 4 digits by a 2 digit whole number using the written method of long multiplication.
- Divide numbers up to 4 digits by a 2 digit number using the formal written method of short division and where appropriate, interpreting remainders according to context.
- Divide numbers up to 4 digits by a 2 digit number using the formal written method of **long division** and where appropriate, interpreting remainders as whole numbers, fractions, or by rounding as appropriate according to context.
- Identify common factors, common multiples and prime numbers.
- Recognise and use square numbers and cube numbers using the correct notation.
- Use their knowledge of the order of operations to carry out calculations involving the four operations.
- Perform mental calculations, including with mixed operations and large numbers.
- Solve problems involving addition, subtraction, multiplication and division.




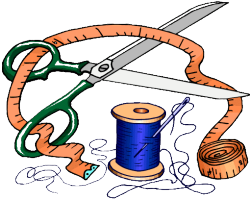
Fractions:

- Recap of missed summer learning from year 5 with year 6 learning below.



	<ul style="list-style-type: none"> • Use common factors to simplify fractions and use common multiples to express fractions in the same denomination. • Compare and order fractions, including fractions greater than 1. • Add and subtract fractions with different denominators and mixed numbers using the concept of equivalent fractions. • Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams. • Multiply simple pairs of proper fractions, writing the answer in its simplest form. • Divide proper fractions by whole numbers. • Calculate fractions of amounts. • Solve problems involving the above. • <p><u>Imperial and Metric:</u></p> <ul style="list-style-type: none"> • 	
<p>Science</p>	<p><u>Working Scientifically:</u></p> <ul style="list-style-type: none"> • Children will plan and carry out a range of scientific enquiries to develop their working scientifically skills. • Children will learn how to make scientific predictions, plan and record scientific enquiries and how to write conclusions. <p><u>Light:</u></p> <ul style="list-style-type: none"> • Children will learn about how light travels and how it enables us to see. • Children will learn about how shadows are formed and will investigate why shadows have the shapes they do. <p><u>Electricity:</u></p> <ul style="list-style-type: none"> • Children will deepen their knowledge of how circuits work including how the number of cells in a circuit affects the brightness of a lamp. • Children will be able to give reasons for variations in how components function. • Children will use recognised circuit symbols to draw a simple circuit diagram. 	  
<p>History</p>	<p><u>Local History of mining in Stoke-on-Trent.</u></p>	

	<ul style="list-style-type: none"> • Children will learn about how our local area has changed and why mining was once important in Stoke-on-Trent. • Children will use a range of sources to draw conclusions about what life was like as a miner in Stoke-on-Trent and why the industry has declined. • Children will assess the reliability of primary and secondary sources they use throughout. 	
Geography	<p><u>Local Geography of the Peak District:</u></p> <ul style="list-style-type: none"> • Through our study of the Peak District children will learn to read map symbols, keys, the compass rose and 4-6 figure grid references. • Use maps and atlases to locate countries and describe features studied. • Describe and understand key aspects of physical geography and human geography of the Peak District. 	
Music	<p>Music will be taken by Mr B again this year</p> <p><u>Topics of study for Autumn 1 and 2 include:</u></p> <ul style="list-style-type: none"> • Pop and Motown • Classroom Jazz 2 	
Computing	<p><u>Spreadsheets</u></p> <ul style="list-style-type: none"> • Children will create spreadsheets to answer mathematical questions. • Children will learn about copy and paste shortcuts. • Children can use a spreadsheet to solve a real-life problem and plan a fundraiser. <p><u>Online Safety</u></p> <ul style="list-style-type: none"> • Children will revise risks online and the steps they can take to protect themselves. • Children will deepen their knowledge about digital footprints. • Children will know about the consequences of promoting inappropriate content online and how to put a stop to such behaviour when they witness it or experience it online. • Children will learn about the positive and negative effects of screen time. <p><u>Blogging</u></p> <ul style="list-style-type: none"> • Children will identify the purpose of writing a blog and the successful features of blog writing. • They will plan the theme and content for a blog and learn how to write an effective blog. 	 

	<p>Children will learn how to contribute to an existing blog and how to stay safe online when using blogs.</p>	
<p>PE</p>	<p><u>Football:</u></p> <ul style="list-style-type: none"> • Children will develop their control of the ball. • Children will develop their ability to dribble with the ball. • Children will develop their control of the ball and ability to pass the ball to teammates. • Children will develop their ability to shoot effectively • Children will develop their ability to stop and move the football with their feet. • Children will develop their ability to move the football using their chest & head. • Children will develop their ability to defend as an individual and to lose a marker/mark an attacker. 	
<p>Art</p>	<p><u>Local Artist: Sid Kirkham</u></p> <ul style="list-style-type: none"> • Through the study of local artist Sid Kirkham, children will develop their use of the full range of pencils, charcoal and pastels when creating observational art. • Children will explain the style of their work and how it has been influenced by a famous artist including why they have chosen specific techniques. • Children will learn how to use feedback to make adjustments and improvements to their art. 	
<p>Design and Technology</p>	<p><u>Textiles:</u></p> <ul style="list-style-type: none"> • Children will develop their ability to pin and tack fabric pieces and join fabrics by sewing a range of stitches to create a patchwork quilt. • Children will design their patchwork quilt to celebrate difference and refine their work and techniques as the work progresses. • Children will evaluate their own work and continually improve upon existing designs. 	



PSHE

- Through Mind up children will deepen their understanding of parts of the brain, mindful breathing and mindful actions.
- Through the RSE 10:10 scheme, children will follow Kester's adventures and learn about some of the changes that take place during puberty.

mindUp™

Ten:Ten
Resources