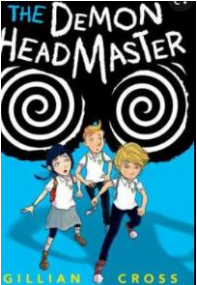





Curriculum Information - Year 6 - Autumn Term

<p>Class Texts</p> <p>English</p> <p>Reading and Writing</p>	<p>The Demon Headmaster by Gillian Cross</p> <p>Key objectives:</p> <ul style="list-style-type: none"> ● 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. ● 	
<p>RE</p>	<p><u>The Story of the People of God:</u></p> <ul style="list-style-type: none"> ● 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. <p><u>Followers of Christ:</u></p> <ul style="list-style-type: none"> ● 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. <p><u>Prayer in the Lives of the Followers of Christ:</u></p> <ul style="list-style-type: none"> ● Children will learn a range of traditional prayers used in the church and discuss the meaning of the words contained in them. ● Children will write their own psalm prayer and be able to identify important actions and gestures associated with prayer. ● Children will learn that Mass is the central prayer of the Catholic faith. ● Children will learn about some of the customs of prayer in other world religions. <p><u>Advent:</u></p>	  

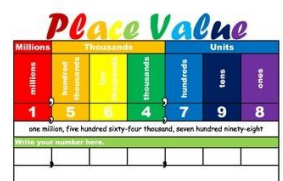
- Children will deepen their understanding about the Season of Advent and learn about the two parts to this season.
- Children will learn about why it is important to prepare for Christ to come again.
- Children will write a modern parable and parts of a hymn about the coming of Christ into the world.



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.



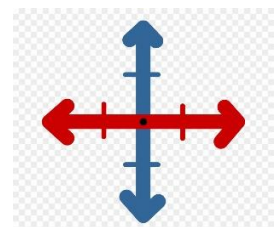
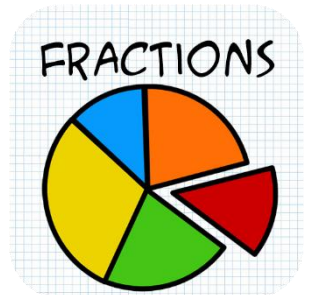
Fractions:

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

- 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.
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Geometry:

- Describe positions on the full coordinate grid (all four quadrants).
- Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.



Science

Working Scientifically:

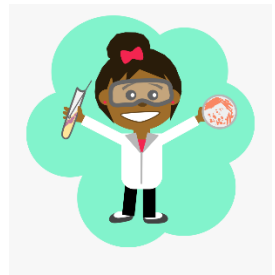
- Children will plan and carry out a range of scientific enquiries to develop their working scientifically skills.
- Children will learn how to make scientific predictions, plan and record scientific enquiries and how to write conclusions.

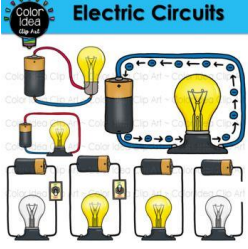




Light:





- 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.

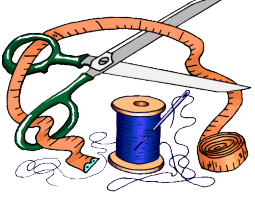
Electricity:

- Children will deepen their knowledge of how circuits work including how the number of cells in a circuit affects the brightness of a lamp.



	<ul style="list-style-type: none"> • 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. 	
History	<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 	

	<p>put a stop to such behaviour when they witness it or experience it online.</p> <ul style="list-style-type: none"> Children will learn about the positive and negative effects of screen time. <p>Blogging</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>	 
PE	<p>Football:</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. 	
Art	<p>Local Artist: Sid Kirkham</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. 	
Design and Technology	<p>Textiles:</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	<ul style="list-style-type: none"> • 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. 	