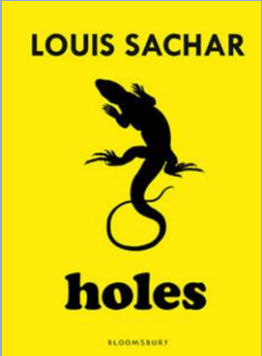

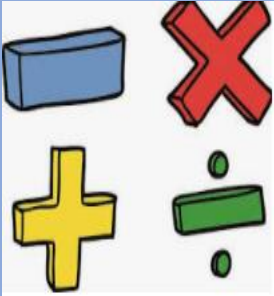


Year 6- Mr Chandler and Mrs Sewell	Spring Term 2024 Misty Mountains and Winding Rivers		
<p>English</p>  	<p>Spring 1 - Novel: Holes by Louise Sachar</p> <p><i>Daily Guided Reading activities</i></p> <p><i>Spring 1 – focus on fiction writing</i></p> <ul style="list-style-type: none"> • Description (<i>The Tunnel</i>) • Diary (<i>Titanium</i>) • Continuing a narrative • Explanation (<i>geography link</i>) <p>Spring 2 - Novel: Malamander by Thomas Taylor</p> <p><i>Spring 2 – focus on non-fiction writing</i></p> <ul style="list-style-type: none"> • Informal letter • Formal letter • Non-chronological report about the human body (<i>science link</i>) • Persuasive writing • Explanation (<i>geography link</i>) 	<p>Maths</p> 	<p>Algebra</p> <ul style="list-style-type: none"> • use simple formulae • generate and describe linear sequences • express missing numbers algebraically • find pairs of numbers that satisfy an equation with two unknowns <p>Fractions, Decimals and Percentages</p> <ul style="list-style-type: none"> • calculate decimal fraction equivalents • identify the value of each digit in numbers given to three decimal places • multiply one-digit numbers with up to two decimal places by whole numbers • use equivalences between simple fractions, decimals and percentages. • solve problems involving the calculation of percentages and use for comparison <p>Measures</p> <ul style="list-style-type: none"> • Area and perimeter; especially triangles and parallelograms. • Volume; especially cuboids <p>Statistics</p> <ul style="list-style-type: none"> • line graphs, dual bar graphs, pie charts • the Mean <p>Geometry</p> <ul style="list-style-type: none"> • Measure and classify angles • Angles in triangles, quadrilaterals and polygons • Circles • Nets of 3D shapes <p>Position And Direction</p> <ul style="list-style-type: none"> • Plot in 4 quadrants • Coordinate problems • Translations and reflections

SCIENCE







Animals including Humans


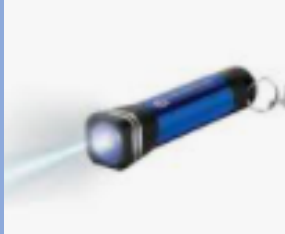




- *identify and name the main parts of the human circulatory system*
- *name the three types of blood vessel*
- *describe the functions of the heart, blood vessels and blood*
- *know that nutrients and water are transported around the body*
- *recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function*
- *investigate and understand that heart size and speed relates to the age, fitness and activity and can be improved*
- *describe the ways in which nutrients and water are transported within animals, including humans*
- *identify aspects of a diet that are healthy and unhealthy and the impact diet can have on the human body*
- *identify how drugs impact on the way the human body functions and understand that certain drugs can have a positive effect in the form of medicine*

GEOGRAPHY



- *To know and locate the mountain ranges and the rivers flowing through the Alps, Andes, Himalayas, Rocky Mountains, Ural Mountains, Atlas, Snowy Mountains and the highest peak.*
- *To know and locate waterfalls: Angel Falls, Niagara Falls, Victoria Falls, Gaping Hill*
- *To know and locate the mountain ranges in the UK: Cairngorms, Snowdonia, Pennines, Grampian, etc.*
- *To know and locate source and mouth of UK rivers: Severn, Thames, Trent, Dee (Scotland), Wye and Bann*
- *To know that there are five main types of mountains and how they are formed.*
- *To know the climate, weather and landscape of Mount Everest and the danger that it poses to climbers*
- *To know who were Edmund Hillary and Tensing Norgay and that they climbed to the top of Everest.*
- *To understand the key features of an OS map of Snowdon including: compass direction, the key, four and six-figure grid references, grid squares, scale.*
- *To know and understand how rivers are formed and the importance of the water cycle.*
- *To know and understand that the features a river and the surrounding landscape change from source to mouth*
- *To know and understand the factors that cause rivers to flood and that Lincolnshire is prone to flooding (know the reasons why)*

<p>PE</p> 	<p>Gymnastics <i>Working collaboratively in pairs to create a matching and mirroring sequence.</i></p> <p>Netball <i>Developing skills in passing, receiving, shooting, defending and attacking.</i></p>	<p>COMPUTING</p> 	<p>Variables in games</p> <ul style="list-style-type: none"> • <i>Exploring variables when designing and coding a game</i> <p>Introduction to spreadsheets</p> <ul style="list-style-type: none"> • <i>Answering questions by using spreadsheets to organise and calculate data</i>
<p>PSHE</p> 	<p>Dreams and Goals</p> <ul style="list-style-type: none"> • <i>Personal goals, in and out of school</i> • <i>Success criteria</i> • <i>Emotions in success</i> • <i>Making a difference in the world</i> • <i>Motivation</i> • <i>Recognising achievements</i> • <i>Compliments</i> <p>Healthy Me</p> <ul style="list-style-type: none"> • <i>Taking personal responsibility</i> • <i>How substances affect the body</i> • <i>Exploitation, including 'county lines' and gang culture</i> • <i>Emotional and mental health</i> • <i>Managing stress</i> 	<p>RE</p> 	<p>Is anything ever eternal? – Christianity</p> <ul style="list-style-type: none"> • <i>Looking at concepts of everyday life and evaluating if they are eternal? Eg, celebrities, memories, truth, love.</i> • <i>Studying a Christian wedding and the promises made – symbolism of the ring.</i> • <i>Does love last forever? Bible references studied in relation to this question.</i> • <i>Christian teachings in the commandments and Christians' belief in Heaven.</i> • <i>Is going to Heaven a Christian's only motivation for doing good things?</i>
<p>ART</p>	<p>Wire sculpture</p> <ul style="list-style-type: none"> • <i>Study of Alberto Giacometti</i> • <i>Sketching of body positions that give the impression of certain emotions</i> • <i>Children use Paverpol, craft paper, tissue paper, paper towels, newspaper or other recycled paper to create sculpture.</i> 	<p>Design and Technology</p>	<p>Electrical Systems- More complex switches and Circuits-</p> <p><i>Working with the DT Lead from Bourne Grammar School, the children will be using their knowledge of electricity circuits from last year to design and make a small torch.</i></p>

	<ul style="list-style-type: none"> Children will coat the paper with matte black acrylic paint. 		
<p>MUSIC</p> 	<p>Dynamics, pitch and texture (Fingal's cave)</p> <ul style="list-style-type: none"> Engage in discussion about the sounds of an orchestral piece. Have a selection of varied vocabulary in response to what they hear. Change dynamics and pitch, differentiating between the two. Take the role of conductor or follow a conductor. Change texture within their group improvisation and talk about its effect. Create a graphic score to represent sounds. Follow the conductor to show changes in pitch, dynamics and texture. 	<p>MFL</p> 	<p>Do you have a pet?</p>  <p>My Home</p> 
<p>Additional information</p> <p>PE days Tuesday and Friday</p> <p>Homework English and maths homework is sent home every Friday, to be handed in the following Wednesday -Homework will alternate each week between being in books and being on Purple Mash -Daily reading -Regular TTRS practise (4 or 5 times a week)</p>			

Recommended texts for Year 6 linked to our topics

