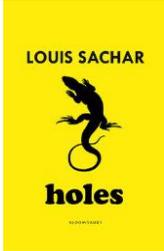


<p>As readers and writers, we will be...</p> <ul style="list-style-type: none"> • Spelling - To revise and extend work on spelling patterns, including unstressed vowels in polysyllabic words; to use what is known about prefixes and suffixes to transform words. Extend the knowledge of spelling strategies and apply to high-frequency and cross-curricular words. • Grammar and Punctuation - To investigate further the use of active and passive verbs; Know how sentences can be re-ordered by changing from one to the other; Identify examples of active and passive verbs in texts; experiment in transformation from active to passive and vice versa and study the impact of this on meaning; Consider how the passive voice can conceal the agent of a sentence; To understand features of formal official language; To revise work on contracting sentences: summary; Note making; editing; To use reading to: investigate conditionals; Use these forms to construct sentences which express; Explore use of conditionals in past and future, experimenting with transformations, discussing effect; To analyse how individual paragraphs are structured in writing. This will be linked together using a varied range of texts types using the class reader as a stimulus • Word: How words are related by meaning as synonyms and antonyms • Sentence: The difference between structures typical of informal speech and structures appropriate for formal speech and writing • Text: Layout devices • Punctuation: Punctuation of bullet points to list information; How hyphens can be used to avoid ambiguity • Key Terminology for pupils - object, active, passive ,synonym, antonym, ellipsis, hyphen, colon, semi-colon, bullet points • New Learning - wider range of cohesive devices; synonyms and antonyms; subjunctive; bullet points; hyphens; Punctuation between independent clauses. 	<p>As scientists we will be learning about...</p> <ul style="list-style-type: none"> • Electricity - discovering the scientists behind electricity, circuit symbols, volts and design and conduct an electrical investigation. • Light - how we see, reflection, refraction, spectrums, seeing colour shadow theatre 	<p>As mathematicians we will be ...</p> <ul style="list-style-type: none"> • Solving addition and subtraction multi-step problems in shopping contexts, and adding and subtracting money using column addition and counting up. • Adding and subtracting decimal numbers choosing an appropriate strategy, and adding decimal numbers with different numbers of places using column addition; using mathematical reasoning to investigate and solve problems, and solving subtractions of decimal numbers with different numbers of places (2-places) using counting up; Adding and subtracting up to 6 digits with a written method. • Constructing and interpreting distance/time line graphs; understanding pie charts are a way of representing data using percentages, interpreting and constructing pie charts; reading and plotting coordinates in all four quadrants, drawing and translating simple polygons using coordinates and finding missing coordinates for a vertex on a polygon; drawing and reflecting simple polygons in both the x-axis and y-axis using coordinates; finding unknown angles around a point, on a line, in a triangle or vertically opposite and in polygons where diagonals intersect • Multiplying 4-digit numbers including those with two decimal places by 1-digit numbers; using long multiplication to multiply 4-digit numbers by numbers between 10 and 30; revising using short division to divide 4-digit by 1-digit and 2-digit numbers including those which leave a remainder, and dividing the remainder by the divisor to give a fraction, simplifying where possible. • Describing ratio and using ratio to solve problems; finding fractions and simplifying ratios • Knowing common fraction / decimal equivalents; multiplying pairs of unit fractions and multiplying unit fractions by non-unit fractions • Using partitioning to mentally multiply 2-digit numbers with one decimal place by whole 1-digit numbers; multiplying numbers with two decimal places; using short multiplication to multiply amounts of money; using estimation to check answers to calculations; using long multiplication to multiply 3-digit and 4-digit numbers by numbers between 10 and 30. • Naming, classifying and identifying properties of quadrilaterals; exploring diagonal lines; understanding what an angle is and that it is measured in degrees; knowing what the angles of triangles, quadrilaterals, pentagons, hexagons and octagons add to and using these facts and mathematical reasoning to calculate missing angles; recognising and identifying the properties of circles and naming their parts; drawing circles using pairs of compasses; drawing polygons using a ruler and a protractor • Identifying common factors and common multiples; understanding that a prime number has exactly two factors and finding prime numbers less than 100; understanding what a composite (non-prime) number is.
<p>As athletes we will be...</p> <ul style="list-style-type: none"> • Swimming • REAL PE Scheme of Work which includes aspects of Games, Gym and Dance while building skills 	 <p>Why did they put that there? Trip - visiting the automated warehouse at Waitrose in Coulsdon. End Point - In the last week of term creating proposals for factories based on our industry and settlement learning. Our Class Reader will be 'Holes' by Louis Sachar</p>	
	<p>As theologians we will be learning ...</p> <ul style="list-style-type: none"> • The Journey of Life and Death • Contemporary Anglican Church • Easter Hope <p>And in PSHCE we studying the themes: Dreams and Hopes and Healthy Me.</p>	
	<p>As geographers we will be learning...</p> <ul style="list-style-type: none"> • Location knowledge - locate the world's countries, using maps to focus on Europe and North and South America, concentrating on their environmental regions, key physical and human characteristics and major cities. Name and locate counties and cities of the United Kingdom, geographical regions and their identifying human and physical characteristics and land-use patterns. Understand how some of these aspects have changed over time • Place knowledge - understand geographical similarities and differences through the study of industry and trade. Describe and understand key aspects of 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 • Geographical skills and fieldwork - use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. 	
	<p>As artists and designers we will be...creating shadow puppets</p>	
	<p>As musicians we will be ...improving our fundamental music knowledge through group and class choreography.</p>	
	<p>As computing experts we will be ... planning, developing, researching the market, designing, developing and creating an app over the course of the year.</p>	

Year 6



Some links for activities at home, further reading and possible days out.

- Science -
 - Websites to look at:
 - <http://www.learningcircuits.co.uk/flashmain.htm>
 - <http://www.optics4kids.org/home/>
 - Place to visit -
 - <http://www.rigb.org/visit-us/faraday-museum> Geography
 - Facts/Games/Experiments to try at home -
 - <http://www.sciencekids.co.nz/electricity.html>
 - <http://www.sciencekids.co.nz/light.html>
- Geography/Theme
 - Website -
 - <http://www.traidcraftschools.co.uk/>
 - <http://www.oxfam.org.uk/education/resources/explore-fairtrade>
 - <http://schools.fairtrade.org.uk/>
 - Videos -
 - <http://www.bbc.co.uk/education/clips/zg4jxnb>
 - <http://www.bbc.co.uk/education/clips/z6j6sbk>
- English
 - Other books by Louis Sachar -
 - Fuzzy Mud - uses an environmental disaster to explain how places are linked
 - Small Steps - to be read after Holes, it continues the story of some of the characters.
 - If you like 'Holes' you might want to try -
 - Because of Winn-Dixie by DiCamillo
 - Bud, Not Buddy by Curtis
 - Far North by Hobbs
 - Walk Two Moons by Sharon Creech
 - Hope Was Here by Bauer
 - Maniac Magee - Jerry Spinelli
 - Monster by Myers
 - Tangerine - Edward Bloor
 - The Great Whale of Kansas by Richard Jennings
 - The View From Saturday by Konigsburg
 - The Wanderer by Creech