

# Year 6



## As readers and writers, we will be...

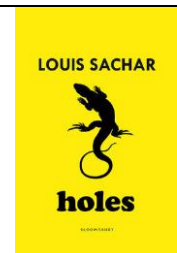
- **Spelling** - To revise and extend work on spelling patterns, including unstressed vowels in polysyllabic words; to use what is known about prefixes and suffixes to transform words. Extend the knowledge of spelling strategies and apply to high-frequency and cross-curricular words.
- **Grammar and 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.

## As athletes we will be...

- Swimming
- REAL PE Scheme of Work

## As scientists we will be learning about...

- 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



### Location! Location! Location!

Trip - possibly 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

## As theologians we will be learning ...

- The Journey of Life and Death
- The role of the Church within our school
- Easter Hope - The Stations of the Cross

In PSHCE we studying the themes: Dreams and Hopes and Healthy Me.

## As geographers we will be learning...

- Recap 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.

## As artists and designers we will be...creating shadow puppets

## As musicians we will be ...improving our fundamental music knowledge through group and class choreography.

## As computing experts we will be ... planning, developing, researching the market, designing, developing and creating an app over the course of the year.

## As mathematicians we will be learning about...

- Number -
  - Decimals - identifying their value; multiplying and dividing between place values; multiplying and dividing decimal numbers by whole numbers and solving problems involving the above.
  - Percentages - finding and comparing percentages of amounts and recalling equivalences between fractions, decimals and percentages in different contexts.
  - Algebra - use simple formula; generate and describe linear sequences; express missing number problems algebraically; finds pairs of numbers which satisfy an equation and enumerate possibilities of combination of two variables.
  - Ratio - solve ratio problems, scale factors and unequal sharing problems.
- Measurement
  - Converting units - convert units up to 3 decimal places; read, write, use and convert between standard units and convert between miles to kilometres.
  - Perimeter, Area and Volume
- Properties of Shape - drawing 2D shapes with accurate angles; compare and classify geometric shapes; find unknown angles; recognise angles which met at a point and vertically opposite angles.
- Statistics - illustrate and name parts of circles; construct and interpret pie charts and line graphs; and calculate a mean.

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## 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>
  - 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