

# Y6 Curriculum News – Autumn 2 2023

'Working together to achieve success'



Our topic this half-term is called, '**What is the impact of humans and Natural Disasters upon the planet?**' with Geography and Science leading and links to Computing and Art. We will also revisit some of our Wellbeing learning during Anti-Bullying Week, which is the 13<sup>th</sup> – 17<sup>th</sup> of November.

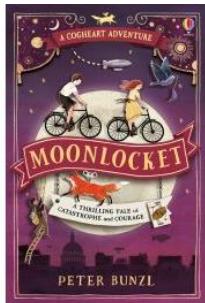


As **writers**, we will be planning and writing, our own adventure narrative with the novel, 'Running Wild' by Michael Morpurgo as a stimulus. We will focus on the skills needed to create a setting and those needed for suspense and tension to develop a plot. In addition to this, we will be writing a discussion text using, 'Can We Save the Tiger?' By Martin Jenkins and Vicky White as a stimulus. We will look at identifying the audience for and purpose of the writing by: selecting the appropriate form, using other similar writing as models and drawing on reading and research where necessary.

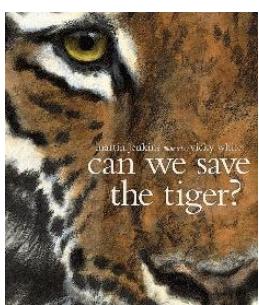
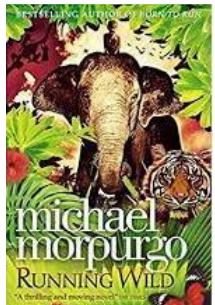
As **readers**, we will be focusing on skimming and scanning; explaining the meaning of key words (and phrases) in context – using short extracts (Dark Decoder). Also, we will retrieve (Rocket Retriever) and record information in fiction and non-fiction texts, such as characters, events, titles and information, whilst making inferences (Crimson Clue Hunter) from the text to explain and justify. Furthermore, we will develop our reading fluency by using a range of Whole Class Reading strategies to familiarise ourselves with the texts we are comprehending.



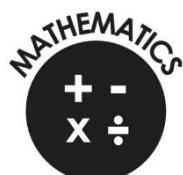
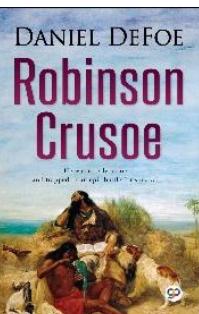
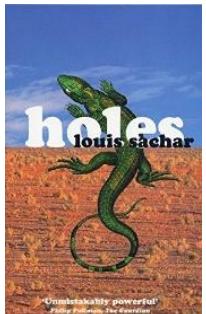
## Class novel



## In English we will be reading



## In whole class reading we will be reading



As **mathematicians**, we will be developing our understanding of fractions, decimals and percentages and their relationship. We will be learning methods for converting between percentages, decimals and fractions and applying these when ordering and comparing. In addition, we will be learning methods to allow us to find fractions and percentages of amounts.

As **scientists**, we will be investigating how light travels, using this information to explain how the eye sees objects because of this. Furthermore, we will be designing and making a periscope and using our developed knowledge of how light travels to explain how it works. Finally, we will extend our experience of light by looking at a range of phenomena including rainbows, colours on soap bubbles, objects looking bent in water and coloured filters.



As **sports people**, we will be learning how to field, bowl and bat when playing cricket. Luckily, Lancashire County Cricket Development, will be coming in to deliver these sessions as part of our Sports Premium Funding.



As **geographers**, we will study the geography of North America: locating the countries and major cities of North America. We will research what are the main human and physical characteristics of two contrasting geographical regions in North America. Finally, we will learn about natural disasters and their impact on North America.

As **linguists**, we will learn key vocabulary related to food and drink every Thursday with Mrs Boswell. We will learn to say what drinks we would like, what we like to eat for breakfast and what sandwich fillings we enjoy. We will build on our knowledge of time from Year 4 and apply this knowledge to café opening and closing times.



As **educated citizens**, we will be learning about our value of **Respect**. We will be developing our understanding of difference (e.g. disabilities, families, religion, the way others look, hobbies etc). We will listen to each other calmly and fairly and speak to each other in a positive and respectful manner. We will focus on treating others how we would like to be treated, as well as caring for our property and community.



As **computer users**, we will be learning the basics of Hyper Text Mark-up Language (HTML) every Thursday afternoon with Mr Smith. HTML is a programming language used to write and create webpages and introduces a new aspect of coding to children from block coding taught from Y1 to Y5. The children will learn about the importance of tags and how different tags perform different functions, including: heading tags, paragraph tags and image tags. We will then apply this knowledge to create our own webpages from scratch using the HTML code we have learned!



**Key Vocabulary:** light source, reflection, image, pixel, longitude, latitude, region, imagery

**Y6 Key Words:** conversion, equivalence, discussion, debate, advantages, disadvantages

**RE Key Words:** Holy week, Good Friday, Easter, suffering, resurrection, courage, hope, comfort, Eucharist, disciple, stations of the cross

**Homework:** Spellings are handed out every Friday and tested weekly on the following Friday. Times tables will also be allocated weekly.

**Reading targets** are checked every **Friday**. Children will be expected to complete at least one reading quiz a week (80+%) to achieve their reading target. Remember, plenty of reading please with an adult so support can be provided with unfamiliar vocabulary and checking for understanding. You might find our reading videos useful which are on our website: <http://www.mossigate.lancs.sch.uk/page/home-reading-homework/26819>

| Key Vocabulary |   |
|----------------|---|
| biomes         | A large geographical area which is home to certain plants and animals, specially adapted to suit the environment.         |
| climate        | The usual or average <b>weather</b> conditions over a long period of time.  |
| continent      | A large landmass made up of many <b>countries</b> .   |
| country        | An area that is controlled by its own government.   |
| equator        | An imaginary line around the globe at <b>latitude</b> 0° north dividing the earth into northern and southern hemispheres. |
| flora/fauna    | Plant and animal life.  |
| latitude       | Imaginary parallel lines which circle the globe from east to west.  |
| longitude      | Imaginary lines which run north to south across the globe from pole to pole.  |
| weather        | The specific atmospheric conditions on a given day including temperature and rainfall.                                    |

| The Americas   |
|--|
| • The Americas are two separate <b>continents</b> consisting of North America and South America.   |
| • North America contains 23 different countries.   |
| • The Americas cover a huge area of the globe, extending over several lines of <b>latitude</b> and <b>longitude</b> .                                |
| • The characteristics of different countries and regions vary significantly, including <b>weather</b> , land use and <b>flora</b> and <b>fauna</b> . |



| How Can You Compare Different Places?   |   |
|---|---|
| Physical Geography  | Human Geography   |
| <p>The natural features of a place or environment.</p> <ul style="list-style-type: none"> <li>• oceans and coastlines</li> <li>• rivers and lakes</li> <li>• mountains and volcanoes</li> <li>• <b>flora</b> and <b>fauna</b></li> <li>• land-form</li> </ul> | <p>Features of an environment that have been shaped by people.</p> <ul style="list-style-type: none"> <li>• <b>country</b>/region boundaries</li> <li>• buildings, roads and land use</li> <li>• changes to river courses</li> <li>• language/signs</li> <li>• religion, government, art and music</li> </ul> |