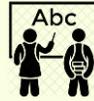


## Year 6 Autumn Term Curriculum Overview



As Language Specialists we will use fun and exciting stories and non-fiction books to support our learning. We will discuss how authors use language, including figurative language, and consider the impact on the reader. We will understand and use instructional and explanation texts. We will learn to identify words that are synonyms (similar) and antonyms (opposite). When writing narratives we will describe character, setting and atmosphere and integrate dialogue. We will learn to spell words with silent letters e.g. knight, psalm, solemn and use brackets, commas and dashes to indicate parenthesis.



As Mathematicians we will round any number up to 1 million to the nearest 10, 100, 1000, 10 000 and 100 000. We will identify which numbers to 100 are prime numbers and know all prime numbers to 19. We will learn to find all the factor pairs of a number. We will add and subtract fractions with the same denominator and denominators that are multiples of the same number. We will learn to calculate and compare the areas of rectangles (including squares).



As Scientists we will recognise that light appears to travel in straight lines. We will be able to explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes. Through investigation we will be able to explain why shadows have the same shape as the objects that cast them. We will be able to identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. We will recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.



## Across the curriculum

As Historians we will discover what the census tells us about our local area. We will investigate local history during the Victorian period and carry out an enquiry using census and factory records.



As Geographers we will consider why population changes. We will look at global population distribution and think about why certain areas are more populated than others. We will discuss push and pull factors that influence migration.



As Artists we will explore emotion in art whilst looking at Colour/Line/Shape. We will explore the work of artists such as Pollock/Kandinsky/Munch/Picasso and then paint in their styles e.g. by painting on large paper on the floor



As Athletes we will develop multi-skills through gym, dance and games both inside and outside.



As Musicians we will learn to create music, focussing on tempo, rhythm, using The IPAD garage band program.



As Design Technologists we will design and create a mechanical toy using levers and pulleys. We will evaluate our own work.



As Computer Programmers we will learn how data is transferred by working collaboratively online. We will also plan and create a webpage.



As Theologians we will consider how Christians decide to live by asking 'What would Jesus do?' We will also consider creation and science and decide whether they are conflicting or complementary.



As Speakers of French we will learn to tell the time. We will also learn about countries and their capitals.



In PSHCE we will look at Relationships (different families and friendships, and consider what makes a safe relationship). We will learn how it is important to respect ourselves and others. We will also have weekly Lyfta session where we will explore different countries, languages, cultures and lived human experiences from all around the world.

