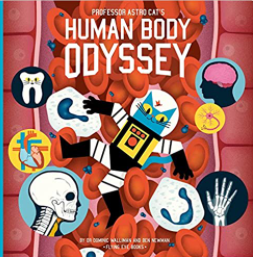
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| **Year 6- Mrs Sewell** | **Spring Term 2023** | | |
| **Misty Mountains and Winding Rivers** | | |
| **English** | **Spring 1 - Novel: Holes by Louise Sachar**  *Daily Guided Reading activities*  *Spring 1 – focus on fiction writing*   * *Description (The Tunnel)* * *Diary (Titanium)* * *Continuing a narrative* * *Explanation (geography link)*   **Spring 2 - Novel: Malamander by Thomas Taylor**  *Spring 2 – focus on non-fiction writing*   * *Informal letter* * *Formal letter* * *Non-chronological report about the human body (science link)* * *Persuasive writing* * *Explanation (geography link)* | **Maths** | **Decimals and percentages**   * *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* * *recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.* * *solve problems involving the calculation of percentages and the use of percentages for comparison*   **Algebra**   * *use simple formulae* * *generate and describe linear number sequences* * *express missing number problems algebraically* * *find pairs of numbers that satisfy an equation with two unknowns*   **Ratio and Proportion**   * *solve problems involving the relative sizes of two quantities* * *solve problems involving similar shapes where the scale factor is known or can be found* * *solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.* |
| **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* | **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)* |
| **PE** | **Cricket**  *‘Chance to Shine’ are a cricket organisation who will be coming in to coach the class each week. The children will be working on a specific skill in their sessions which will build to completing a game of cricket.*  *In Spring 2, the children will be completing a dance unit with Mrs Wells as a specialist dance teacher.*  *The children will also be working on basketball, netball and outdoor and adventurous activities in the spring term with Premier Sports.* | **COMPUTING**  [This Photo](https://freepngimg.com/png/25305-world-wide-web) by Unknown Author is licensed under [CC BY-NC](https://creativecommons.org/licenses/by-nc/3.0/) | **Variables in games**   * *Exploring variables when designing and coding a game*   **Introduction to spreadsheets**   * *Answering questions by using spreadsheets to organise and calculate data* |
| **PSHE** | **Dreams and Goals**   * *Personal goals, in and out of school* * *Success criteria* * *Emotions in success* * *Making a difference in the world* * *Motivation* * *Recognising achievements* * *Compliments*   **Healthy Me**   * *Taking personal responsibility* * *How substances affect the body* * *Exploitation, including ‘county lines’ and gang culture* * *Emotional and mental health* * *Managing stress* | **RE** | **Is anything ever eternal? – Christianity**   * *Looking at concepts of everyday life and evaluating if they are eternal? Eg, celebrities, memories, truth, love.* * *Studying a Christian wedding and the promises made – symbolism of the ring.* * *Does love last forever? Bible references studied in relation to this question.* * *Christian teachings in the commandments and Christians’ belief in Heaven.* * *Is going to Heaven a Christian’s only motivation for doing good things?* |
| **ART** | **Wire sculpture**   * *Study of Alberto Giacometti* * *Sketching of body positions that give the impression of certain emotions* * *Children use Paverpol, craft paper, tissue paper, paper towels, newspaper or other recycled paper to create sculpture.* * *Children will coat the paper with matte black acrylic paint.* | **Design and Technology** | **Electrical Systems- More complex switches and Circuits-**  *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.* |
| **MUSIC** | **A New Year Carol**   * *A New Year Carol by Benjamin Britten* * *A New Year Carol – Urban Gospel* * *I Mun be Married by Benjamin Britten* * *Fishing song by Benjamin Britten*   **You’ve got a Friend**   * *You’ve Got A Friend by Carole King* * *The Loco-Motion sung by Little Eva* * *One Fine Day sung by The Chiffons* * *Up On The Roof by The Drifters* * *Will You Still Love Me Tomorrow by Carole King* * *You Make Me Feel Like A Natural Woman by Carole King* | **MFL** | **Do you have a pet?**    **My Home** |
| **Additional information**  **PE days**  *Tuesday and Friday*  **Homework**  *English and Maths homework will be sent home on Friday and must be returned by the following Wednesday.*  *In addition, the children will also be expected to spend time reading, learn spellings and practise their times tables each week.* | | | |

**Recommended texts for Year 6 linked to our topics**

A picture containing map

Description automatically generatedGraphical user interface

Description automatically generated