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| Year 6 Parent Planner Autumn Term 2021-2022 | | |
| Maths | Reading | Writing |
| We are learning to …   * Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit * Round any whole number to a required degree of accuracy * Use all the multiplication tables to 12 × 12 in order to maintain their fluency * Continue to practise the four operations for larger numbers using the formal written methods of columnar addition and subtraction, short and long multiplication, and short and long division * Perform mental calculations, including with mixed operations and large numbers * Solve problems involving addition, subtraction, multiplication and division * Use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy * Identify common factors, common multiples and prime numbers | We are learning to …   * Explain and discuss understanding of different genres of texts * Develop strategies to work out unfamiliar language in a text * Develop skimming and scanning skills to locate key information across a text * Retrieve, record and present information * Draw inferences and justify using evidence from the text * Discuss and evaluate how authors use language, considering the impact on the reader * Make predictions from what’s implied | We are learning to…   * Explore language, structural and punctuation features for the following units: biography and autobiography, journalistic, diary, biased and balanced arguments * Plan and write the following: biography and autobiography, journalistic, diary, biased and balanced arguments * Consider the audience for and purpose of the writing * Make appropriate and effective vocabulary, grammar and punctuation choices * Use a wide range of devices to build cohesion * Refine and evaluate writing, including peer assessment * Develop handwriting |
| Science | RE/SMSC/PSHE/RRSA | Art/DT |
| This term we will be focusing on: **Biology**  We will be learning about…   * **Animals including humans**   -identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood  -recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function  -describe the ways in which nutrients and water are transported within animals, including humans  This term we will be focusing on: **Physics**  We will be learning about…   * **Electricity**   -associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit  -compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches  -use recognised symbols when representing a simple circuit in a diagram | We are learning to…   * Compare and contrasts beliefs and commitment in the six major faiths as well as Rastafarianism and Humanism * Explore British Values, including democracy * Know what rights and responsibilities are * Explore our ‘CRISP’ values * Explore themes for health and well-being, relationships and living in the wider world | In Art we are learning to…   * Use different media (pencils, pens, charcoal etc) to practise texture techniques * Explore proportion of body using mannequin figures * Apply shading to show light and shadow to mannequin drawings * Research the graffiti artist Keith Haring and create figure drawings inspired by his work   In DT we are learning to…   * Investigate fairground rides which have rotating parts, thinking about how they move, what are the components that join them together and the mechanisms that make them work * Explore and investigate electrical motors and how they make fairground rides rotate * Design, make and evaluate a model fairground ride with a moving part and inclusion of light component |
| ICT | History/Geography | PE |
| We are learning to…   * Explore and develop programming skills   -Programming A – Variables in games  -Programming B – Sensing  Online safety will be taught at the start and end of every unit. | We are learning to…   * Study the Victorian time period using a range of sources * Compare and contrast the lifestyle of pauper and wealthy Victorians * Explore living and working conditions * Understand the significance and impact of Lord Shaftesbury workhouse findings, exploring philanthropic acts * Explore industrial change and its impact | We are learning to…   * Develop flexibility, strength, technique, control and balance as well as compare performances in gymnastics and dance * Play competitive games and apply basic principles suitable for attacking and defending in football   PE is on Mondays and Thursdays.  Your child must wear the appropriate PE kit. |
| Music | Spanish | Homework: |
| We are learning to…   * Develop an understanding of musical composition * Organise and manipulating ideas within musical structures * Reproduce sounds from aural memory | We are learning to…   * Study the unit ‘clothing’   -listen attentively to spoken language and show understanding by joining in and responding  -explore the patterns and sounds of language through songs and rhymes  -engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help\*  -read carefully and show understanding of words, phrases and simple writing  -understand basic grammar and punctuation | * Homework will be given out on Thursdays – to be returned on Mondays. * Reading books will be changed weekly. Children should read daily and Reading Records are to be filled in. They are to be handed in on Mondays. * Spellings are given out on Mondays. Children should learn their spellings for their spelling test on Fridays. * Practise Times Table Rock Stars daily. |