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|  | **Autumn Term 1** | **Autumn Term 2** | **Spring Term 1** | **Spring Term 2** | **Summer Term 1** | **Summer Term 2** | |
| **Literacy** | **Newspaper report – Tim Peake**  Discuss and identify features  Research  Plan, write, identify and edit own newspaper article  **Explanation and instruction texts**  Identify features  Compare and contrast  Learn and use language  Plan and write | **Recounts**  Identify features  Plan, write, evaluate and edit recount.  **Story writing**  Sensory descriptions  Describe a setting  Plan and write stories  **Poetry**  Christmas themed | **Persuasive writing**  Discuss and identify features  Analyse examples and propaganda  Plan and create own propaganda poster  **Diary entries**  Plan and write as if the children were evacuees  **Poetry:**  Research and analyse war poems  Plan and write war poems  Performance poetry  Perform poems off by heart | **Playscripts**  Learning, recognising and identifying features  Analysing examples  Planning and writing  Performing  **Story writing**  Discussing story mountain  Character description  Sensory description  Planning introduction, build up, dilemma/resolution and ending  Writing story | **Sensory descriptions – Fire Bird unit**  Plan and write  Use evidence from text to work out characters feelings and motives  Evaluate and edit  **Poetry**  Descriptive poems  Using models  **Letter writing**  Explore features of persuasive, formal letters  Plan and write  **Discussion texts**  Present two sides of an argument  Analyse examples  Identify features  Plan and write balanced argument | **Autobiography**  Features  Purpose for writing  Research and organize  Explore levels of formality in our writing  Write, edit and present  **Playscript**  Plan and write a short scene  Fun memories for year 5 or school  **End of year writing tasks** | |
| **Maths** | **Number** – Place Value  **Number** – Addition and Subtraction  **Statistics** | **Statistics**  **Number** – Multiplication and Division  **Measurement** – Perimeter and Area | **Number** – Multiplication and Division  **Number** - Fractions | **Number** – Fractions  **Number** – Decimals and Percentages | **Number** – Decimals  **Geometry** – Shape | **Geometry** – Position and Direction  **Measurement** – Converting Units | |
|  | **Autumn Term 1** | **Autumn Term 2** | **Spring Term 1** | **Spring Term 2** | **Summer Term 1** | **Summer Term 2** | |
| Mathematics | **Number: Place value:**   1. 1000s, 100s, 10s and 1s 2. Numbers to 10,000 3. Rounding to the nearest 10 4. Rounding to the nearest 100 5. Rounding to the nearest 10, 100 and 1000 6. Numbers to 100, 000 7. Compare and order numbers to 100,000 8. Round numbers within 100,000 9. Numbers to a million 10. Counting in 10s, 100s, 1000s, 10,000s and 100,000s. 11. Compare and order numbers to one million 12. Round numbers to one million 13. Negative numbers 14. Roman Numerals to 1000   **Number: Addition and Subtraction:**   1. Add two 4-digit numbers – one exchange 2. Add two 4-digit numbers – more than one exchange 3. Add whole numbers with more than 4 digits (column method) 4. Subtract two 4-digit numbers – one exchange 5. Subtract two 4-digit numbers – more than one exchange 6. Subtract whole numbers with more than 4 digits (column method) 7. Round to estimate and approximate 8. Inverse operations (addition and subtraction) 9. Multi-step addition and subtraction problems   **Statistics:**   1. Interpret charts 2. Comparison, sum and diference 3. Introduce line graphs 4. Read and interpret tables 5. Two-way tables 6. Timetables | **Number: Multiplication and Division**   1. Multiples 2. Factors 3. Common factors 4. Prime numbers 5. square numbers 6. Cube numbers 7. Multiply by 10 8. Multiply by 100 9. Multiply by 10, 100 and 1000 10. Divide by 10 11. Divide by 100 12. Divide by 10, 100 and 1000 13. Multiples of 10, 100 and 1000   **Measurement**:   1. Measure perimeter 2. Perimeter on a grid 3. Perimeter of rectangles 4. Perimeter of rectilinear shapes 5. Calculate perimeter 6. Counting squares 7. Area of rectangles 8. Area of compound shapes 9. Area of irregular shapes | **Number: Multiplication and Division:**   1. 1. Multiply 2-digits by 1-digit 2. Multiply 3-digits by 1-digit 3. Multiply 4-digits by 1-digit 4. Multiply 2-digits (area model) 5. Multiply 2-digits by 2-digits 6. Multiply 3-digits by 2-digits 7. Multiply 4-digits by 2-digits 8. Divide 2-digits by 1-digit (1) 9. Divide 2-digits by 1-digit (2) 10. Divide 3-digits by 1-digits 11. Divide 4-digits by 1-digit 12. Divide with remainders   **Number: Fractions:**  1.What is a fraction   1. Equivalent fractions (1) 2. Equivalent fractions 3. Fractions greater than 1 4. Improper fractions to mixed numbers 5. Mixed numbers to improper fractions 6. Number sequences 7. Compare and order fractions less than 1 8. Compare and order fractions greater than 1 9. Add and subtract fractions 10. Add fractions within 1 11. Add 3 or more fractions 12. Add fractions 13. Add mixed numbers 14. Subtract fractions | **Number: Fractions Cont:**   1. Subtract mixed numbers 2. Subtract – breaking the whole 3. Subtract 2 mixed numbers 4. Multiply unit fractions by an integer 5. Multiply non-unit fractions by an integer 6. Multiply mixed numbers by integers 7. Calculate fractions of a quantity 8. Fraction of an amount 9. Using fractions as operators   **Number: Decimals and Percentages:**   1. Decimals up to 2 d.p. 2. Decimals as fractions (1) 3. Decimals as fractions (2) 4. Understand thousandths 5. Thousandths as decimals 6. Rounding decimals 7. Order and compare decimals 8. Understand percentages 9. Percentages as fractions and decimals 10. Equivalent F.D.P.   Last week for consolidation | One week consolidation  **Number: Decimals:**   1. Adding decimals within 1 2. Subtracting decimals within 1 3. Complements to 1 4. Adding decimals – crossing the whole 5. Adding decimals with the same number of decimal places 6. Subtracting decimals with the same number of decimal places 7. Adding decimals with a different number of decimal places 8. Subtracting decimals with a different number of decimal places 9. Adding and subtracting wholes and decimals 10. Decimal sequences 11. Multiplying decimals by 10, 100 and 1,000 12. Dividing decimals by 10, 100 and 1,000   **Geometry: Properties of shapes:**   1. Identify angles 2. Compare and order angles 3. Measure angles in degrees 4. Measuring with a protractor (1) 5. Measuring with a protractor (2) 6. Drawing lines and angles accurately 7. Calculating angles on a straight line 8. Calculating angles around a point | | 1. Triagnles 2. Quadrilaterals 3. Calculating lengths and angles in shapes 4. Regular and irregular polygons 5. Reasoning about 3-D shapes   **Geometry: Position and Direction:**   1. Describe position 2. Draw on a grid 3. Position in the first quadrant 4. Translation 5. Translation with coordinates 6. Lines of symmetry 7. Complete a symmetric figure 8. Reflection 9. Reflection with coordinates   Measurement: Converting Units:   1. Kilometres 2. Kilograms and kilometres 3. Millimetres and millilitres 4. Metric units 5. Imperial units 6. Converting units of time 7. Timetables   **Measurement: Capacity:**   1. What is volume? 2. Compare volume 3. Estimate volume 4. Estimate capacity |
| **Science** | Earth and Space | Properties and changing of materials | Scientists and Inventors | Forces | Animals / Life cycles | | Human Biology |
| **History** | / | World War 2 | Rebuilding Britain | / | / | | Black History |
| **Geography** | Marvelous Maps | / | / | Exploring Europe | Enough for Everyone - Sustainability | | / |
| **ICT** | Webpages | Scratch Coding | Espresso Coding | Online safety – creating passwords etc. | Data collecting and presenting | | Gaming |
| **PSHE** | Influences  Diversity in the UK  Affects of Puberty  British Values | Race Equality  Dental Health  Inactive Lifestyles  Justifying actions | Managing emotions  Risks, Dangers and Hazards  Consequences of crime  Recognizing when others need help | Life in other countries  Money and the future  Stereotypes  Artistic freedom | Resolving conflict  Equality Act  Puberty | | Assessing and managing risk  Resilience  Puberty and hygiene  Accepting others |
| **Spanish** | Enjoy your meal | I Love Music | Places in Town and The Alphabet | Directions | My Wardrobe | | At the Beach |
| **Art** | Jasper Johns Artist study | Space Inspired Art | Andy Warhol - Camouflage | Art inspired by WWII  Silhouettes | Firebird | | Design Technology – Phone Case |
| **PE** | Games | Games | Invasion Games | Invasion Games | Athletics | | Athletics |