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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 featuresResearchPlan, write, identify and edit own newspaper article**Explanation and instruction texts**Identify featuresCompare and contrastLearn and use languagePlan and write | **Recounts**Identify featuresPlan, write, evaluate and edit recount.**Story writing**Sensory descriptionsDescribe a settingPlan and write stories**Poetry**Christmas themed | **Persuasive writing**Discuss and identify featuresAnalyse examples and propagandaPlan and create own propaganda poster**Diary entries**Plan and write as if the children were evacuees**Poetry:**Research and analyse war poemsPlan and write war poemsPerformance poetryPerform poems off by heart | **Playscripts**Learning, recognising and identifying featuresAnalysing examplesPlanning and writingPerforming**Story writing**Discussing story mountainCharacter description Sensory descriptionPlanning introduction, build up, dilemma/resolution and endingWriting story | **Sensory descriptions – Fire Bird unit**Plan and writeUse evidence from text to work out characters feelings and motivesEvaluate and edit**Poetry**Descriptive poemsUsing models**Letter writing**Explore features of persuasive, formal lettersPlan and write**Discussion texts**Present two sides of an argumentAnalyse examplesIdentify featuresPlan and write balanced argument | **Autobiography**FeaturesPurpose for writingResearch and organizeExplore levels of formality in our writingWrite, 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 fraction1. 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** | InfluencesDiversity in the UKAffects of PubertyBritish Values | Race EqualityDental HealthInactive LifestylesJustifying actions | Managing emotionsRisks, Dangers and HazardsConsequences of crimeRecognizing when others need help | Life in other countriesMoney and the futureStereotypesArtistic freedom | Resolving conflictEquality ActPuberty | Assessing and managing riskResiliencePuberty and hygieneAccepting 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 WWIISilhouettes | Firebird | Design Technology – Phone Case |
| **PE** | Games | Games | Invasion Games | Invasion Games | Athletics | Athletics |