**School name: MATHS PLANNING YEAR B**

**GOLD**

**Teacher: Class: Year: 5 & 6 Term: Summer 1 Week Commencing: Week 3 and 4**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Topic  Revision | | NC Links:  Pupils should be taught to:   * Across the revision sessions, a wide range of topics on the National Curriculum will be covered. * See individual days for coverage. | | | | | | |
| **Day** | **Mental/Oral Starter** | | **Main Lesson** | | | | **Plenary** | **Assessment** |
|  | **Objectives** | **Activity** | **Objectives** | **Teaching** | **Activities** | **Key Vocabulary** | **Activity** |  |
| **1** | To be able to recall my 7x table and related division facts. | TMM | **L.O. To understand the skills required to answer place value SATs questions**  Success Criteria:   1. I must be able to identify my strengths and what I need to work on in this topic. 2. I should be able to read and make sense of the question. 3. I could use RUCSAC to apply my place value knowledge to all place value questions, including word problems. | Ask children what we mean by place value.  Recap with them all of the areas as stated on the National Curriculum for Y6.  White Rose Maths Hub Questions to be posed as working through the slides. | Y5 – CPG Maths Revision Book p 1-6  Y6 – Y6 Targets Your Maths p. 144 ‘Number Review.’ | Place Value  Millions  Hundred thousands  Ten thousands  Thousands  Hundreds  Tens  Units  Decimal point  Tenths  Hundredths  Thousandths  Digit  Numerical  Greater than  Less than | Go through answers, clarify misconceptions. | **Exceeding ARE:**  **At ARE:**  **Below ARE:**  **Far Below:** |

****

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Mental/Oral Starter** | | **Main Lesson** | | | | **Plenary** | **Assessment** |
|  | **Objectives** | **Activity** | **Objectives** | **Teaching** | **Activities** | **Key Vocabulary** | **Activity** |  |
| **2** | To be able to recall my 7x table and related division facts. | TMM | **L.O. To understand the skills required to answer addition, subtraction, multiplication and division SATs questions**  Success Criteria:   1. I must be able to identify my strengths and what I need to work on in this topic. 2. I should be able to read and make sense of the question. 3. I could use RUCSAC to apply my number knowledge to all addition, subtraction, multiplication and division questions, including word problems. | Ask children what we mean by the four operations.  Recap with them all of the areas as stated on the National Curriculum for Y6.  White Rose Maths Hub Questions to be posed as working through the slides. | Y5 – CPG Maths Revision Book p 7-11  Y6 – Y6 Targets Your Maths p. 22 Long Multiplication and Division, Section B.  Then p. 38/39 ‘Multi-Step Word Problems.’ | Add  Addition  Total  Altogether  Subtract  Minus  Take away  Subtraction  Multiply  Multiplication  Product  Divide  Share  Place value  Column  Formal method | Go through answers, clarify misconceptions. | **Exceeding ARE:**  **At ARE:**  **Below ARE:**  **SEND**  **PPG**  **EAL** |

****

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Mental/Oral Starter** | | **Main Lesson** | | | | **Plenary** | **Assessment** |
|  | **Objectives** | **Activity** | **Objectives** | **Teaching** | **Activities** | **Key Vocabulary** | **Activity** |  |
| **3** | To be able to recall my 7x table and related division facts. | TMM | **L.O. To understand the skills required to answer fraction, decimal and percentage SATs questions**  Success Criteria:   1. I must be able to identify my strengths and what I need to work on in this topic. 2. I should be able to read and make sense of the question. 3. I could use RUCSAC to apply my number knowledge to all fraction, decimal and percentage questions, including word problems. | Recap the learning from the week.  Ask children if they can remember any equivalent fractions, decimals and percentages.  Recap with them all of the areas as stated on the National Curriculum for Y6.  White Rose Maths Hub Questions to be posed as working through the slides.  Go through some more examples on the IWB. | Y5 – CPG Maths Revision Book p 18-24  Y6 – Y6 Targets Your Maths p. 158 ‘FDP Review.’ | Fraction  Numerator  Denominator  Compare  Tenth  Hundredth  Quarter  Half  Three quarters  Whole  Percent  Decimal point  Decimal place | Go through answers, clarify misconceptions. | **Exceeding ARE:**  **At ARE:**  **Below ARE:**  **SEND**  **PPG**  **EAL** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Mental/Oral Starter** | | **Main Lesson** | | | | **Plenary** | **Assessment** |
|  | **Objectives** | **Activity** | **Objectives** | **Teaching** | **Activities** | **Key Vocabulary** | **Activity** |  |
| **4** | To be able to recall my 7x table and related division facts. | TMM | **L.O. To understand the skills required to answer ratio and proportion SATs questions**  Success Criteria:   1. I must be able to identify my strengths and what I need to work on in this topic. 2. I should be able to read and make sense of the question. 3. I could use RUCSAC to apply my number knowledge to all ratio and proportion questions, including word problems. | Recap the learning from the week.  Ask children what the can remember about ratio and proportion.  Recap with them all of the areas as stated on the National Curriculum for Y6.  White Rose Maths Hub Questions to be posed as working through the slides.  Go through some more examples on the IWB.  White Rose Hub Maths Question. | Y5 – CPG Maths Revision Book p 24-25  Y6 – Y6 Targets Your Maths p. 74-75 –‘Ratio and Proportion.’ | Ratio  Proportion  Part to part  Part to whole  Equal sharing  Unequal sharing  Percentages | Go through answers, clarify misconceptions. | **Exceeding ARE:**  **At ARE:**  **Below ARE:**  **SEND**  **PPG**  **EAL** |

****

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Mental/Oral Starter** | | **Main Lesson** | | | | **Plenary** | **Assessment** |
|  | **Objectives** | **Activity** | **Objectives** | **Teaching** | **Activities** | **Key Vocabulary** | **Activity** |  |
| **5** | To be able to recall my 7x table and related division facts. | TMM | **L.O. To understand the skills required to answer algebra SATs questions**  Success Criteria:   1. I must be able to identify my strengths and what I need to work on in this topic. 2. I should be able to read and make sense of the question. 3. I could use RUCSAC to apply my number knowledge to all algebra questions, including word problems. | Recap the learning from the week.  Ask children what the can remember about algebra.  Recap with them all of the areas as stated on the National Curriculum for Y6.  White Rose Maths Hub Questions to be posed as working through the slides.  Go through some more examples on the IWB. | Y5 – CPG Maths Revision Book p 27-31  Y6 – Y6 Targets Your Maths p. 88 ‘Number Sequences 3’  Spheres Section C  Everyone Else – Section B | Algebra  Number  Letter  Term  Sequence  Nth term  Formulae  Equation | Teacher to clarify any misconceptions. | **Exceeding ARE:**  **At ARE:**  **Below ARE:**  **SEND**  **PPG**  **EAL** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Mental/Oral Starter** | | **Main Lesson** | | | | **Plenary** | **Assessment** |
|  | **Objectives** | **Activity** | **Objectives** | **Teaching** | **Activities** | **Key Vocabulary** | **Activity** |  |
| **6** | To be able to recall my 7x table and related division facts. | TMM | **L.O. To understand the skills required to answer measurement SATs questions**  Success Criteria:   1. I must be able to identify my strengths and what I need to work on in this topic. 2. I should be able to read and make sense of the question. 3. I could use RUCSAC to apply my number and geometry knowledge to all measurement questions, including word problems. | Recap the learning from the week.  Ask children what the can remember about measurement.  Recap with them all of the areas as stated on the National Curriculum for Y6.  White Rose Maths Hub Questions to be posed as working through the slides.  Go through some more examples on the IWB. | Y5 – CPG Maths Revision Book p 31-38  Y6 – Y6 Targets Your Maths p. 159 ‘Measures Review.’ | Measure  Shape  Mile  Kilometre  Metre  Centimetre  Millimetre  Gram  Kilogram  Tonne  Millilitre  Litre  Multip0ly  Divide  10  100  1000  Deet  Inch  Pound  Ounce  Second  Minute  Hour  Day  Year  Formula  Area  Perimeter | Teacher to clarify any misconceptions. | **Exceeding ARE:**  **At ARE:**  **Below ARE:**  **SEND**  **PPG**  **EAL** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Mental/Oral Starter** | | **Main Lesson** | | | | **Plenary** | **Assessment** |
|  | **Objectives** | **Activity** | **Objectives** | **Teaching** | **Activities** | **Key Vocabulary** | **Activity** |  |
| **7** | To be able to recall my 7x table and related division facts. | TMM | **L.O. To understand the skills required to answer geometry SATs questions**  Success Criteria:   1. I must be able to identify my strengths and what I need to work on in this topic. 2. I should be able to read and make sense of the question. 3. I could use RUCSAC to apply my geometry knowledge to all geometry questions, including word problems. | Recap the learning from the week.  Ask children what the can remember about geometry.  Recap with them all of the areas as stated on the National Curriculum for Y6.  White Rose Maths Hub Questions to be posed as working through the slides.  Go through some more examples on the IWB. | Y5 – CPG Maths Revision Book p 39-50 ‘Geometry’  Y6 – Y6 Targets Your Maths p. 160 and 161 ‘Shapes Review.’ | 2d  3d  Square  Rectangle  Triangle  Circle  Pentagon  Hexagon  Septagon  Octagon  Nonagon  Decagon  Sphere  Cube  Cuboid  Pyramid  Cylinder  Prism  Angle  Face  Edge  Vertex  Diameter  Radius  Circumference  Perpendicular  Parallel  Co-ordinate  Reflect  Rotate  Translate  Left  right | Teacher to clarify any misconceptions. | **Exceeding ARE:**  **At ARE:**  **Below ARE:**  **SEND**  **PPG**  **EAL** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Day** | **Mental/Oral Starter** | | **Main Lesson** | | | | **Plenary** | **Assessment** |
|  | **Objectives** | **Activity** | **Objectives** | **Teaching** | **Activities** | **Key Vocabulary** | **Activity** |  |
| **8** | To be able to recall my 7x table and related division facts. | TMM | **L.O. To understand the skills required to answer statistics SATs questions**  Success Criteria:   1. I must be able to identify my strengths and what I need to work on in this topic. 2. I should be able to read and make sense of the question. 3. I could use RUCSAC to apply my statistical knowledge to all statistics questions, including word problems. | Recap the learning from the week.  Ask children what the can remember about statistics.  Recap with them all of the areas as stated on the National Curriculum for Y6.  White Rose Maths Hub Questions to be posed as working through the slides.  Go through some more examples on the IWB. | Y5 – CPG Maths Revision Book p 51-56 ‘Statistics’  Y6 – Y6 Targets Your Maths p. 162 ‘Statistics Review.’ | Average  Mean  Line graph  Axis  Pie chart  Fraction | Teacher to clarify any misconceptions. | **Exceeding ARE:**  **At ARE:**  **Below ARE:**  **SEND**  **PPG**  **EAL** |

****