

# Detailed Curriculum Weekly Overview – Core subjects

Year 5 Autumn Term 2024

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| Week | English                                                                                                                                                                                                                                                                                                                                            | Maths                                                                                                                                                                                                                                                       | Science                                                                                                                                                                                       |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <b>Introduction to Year 5</b> <ul style="list-style-type: none"> <li>Class charter under UNICEF and Rights Respecting Schools (RRS).</li> <li>To write a letter to myself.</li> </ul>                                                                                                                                                              | <b>Introduction to Year 5</b>                                                                                                                                                                                                                               | <b>Forces</b><br>No lesson - INSET                                                                                                                                                            |
| 2    | <b>Journey tale: Diver's Daughter</b> <ul style="list-style-type: none"> <li><u>Cold task</u> - write and targets.</li> <li>To commit a text to memory – Retell a journey tale.</li> <li>Exploring meaning of key words.</li> <li>Expanded noun phrases.</li> </ul>                                                                                | <b>Place value</b> <ul style="list-style-type: none"> <li>Roman numerals to 1,000</li> <li>Numbers to 10,000</li> <li>Numbers to 100,000</li> <li>Numbers to 1,000,000</li> <li>Read and write number to 1,000,000</li> </ul>                               | <b>Forces</b> <ol style="list-style-type: none"> <li>Introduction to topic.</li> <li>Effects of friction between moving surfaces.</li> </ol>                                                  |
| 3    | <b>Journey tale: Diver's Daughter</b> <ul style="list-style-type: none"> <li>Extending sentences by adding additional information.</li> <li>Boxing up the story.</li> <li>Create a writing toolkit.</li> <li>Plan own journey tale.</li> <li>Semi-colons.</li> <li>Common and proper nouns.</li> </ul>                                             | <b>Place value</b> <ul style="list-style-type: none"> <li>Powers of 10</li> <li>10/100/1,000/10,000/100,000 more or less</li> <li>Partition numbers to 1,000,000</li> <li>Number line to 1,000,000</li> <li>Compare and order numbers to 100,000</li> </ul> | <b>Forces</b> <ol style="list-style-type: none"> <li>Effects of air resistance between moving surfaces.</li> <li>Planning an investigation.</li> </ol>                                        |
| 4    | <b>Journey tale: Diver's Daughter</b> <ul style="list-style-type: none"> <li><u>Hot task</u> - write a journey tale based on our model text.</li> <li>Editing writing.</li> <li>Evaluate piece and peer assess.</li> </ul>                                                                                                                         | <b>Place value</b> <ul style="list-style-type: none"> <li>Compare and order numbers to 1,000,000</li> <li>Round to the nearest 10,100,1000</li> <li>Round within 100,000</li> <li>Round within 1,000,000</li> </ul>                                         | <b>Forces</b> <ol style="list-style-type: none"> <li>Conducting an investigation to test air resistance (parachute drop).</li> <li>Recording results and evaluating investigation.</li> </ol> |
| 5    | <b>Newspaper report</b> <ul style="list-style-type: none"> <li><u>Cold task</u> – write and targets.</li> <li>To commit a text to memory – Retell a newspaper report.</li> <li>Read newspapers to identify features and structure.</li> <li>Boxing up newspaper report.</li> <li>Create a writing toolkit.</li> <li>Plural apostrophes.</li> </ul> | <b>Addition &amp; Subtraction</b> <ul style="list-style-type: none"> <li>Mental strategies</li> <li>Add whole numbers with more than 4 digits</li> <li>Subtract whole numbers with more than 4 digits</li> <li>Round to check answers</li> </ul>            | <b>Forces</b> <ol style="list-style-type: none"> <li>Effects of water resistance between moving surfaces.</li> <li>Plan, conduct and evaluate an investigation.</li> </ol>                    |
| 6    | <b>Newspaper report</b> <ul style="list-style-type: none"> <li>Relative clauses.</li> <li>Plan own newspaper report.</li> <li><u>Hot task</u> - create a newspaper report on Chromebooks.</li> <li>Editing writing.</li> <li>Publish work and peer assess.</li> </ul>                                                                              | <b>Addition &amp; Subtraction</b> <ul style="list-style-type: none"> <li>Inverse operations</li> <li>Multi-step addition and subtraction problems</li> <li>Compare calculations</li> <li>Find missing numbers</li> </ul>                                    | <b>Forces</b> <ol style="list-style-type: none"> <li>Gravity and its effects on objects.</li> <li>Sir Isaac Newton.</li> </ol>                                                                |
| 7    | <b>Poetry: Haikus and Tankas</b> <ul style="list-style-type: none"> <li>Read examples of Haikus and Tankas.</li> <li>Converting nouns and adjectives into verbs (suffixes).</li> </ul>                                                                                                                                                             | <b>Multiplication and division</b> <ul style="list-style-type: none"> <li>Multiples</li> <li>Common multiples</li> <li>Factors</li> <li>Common factors</li> </ul>                                                                                           | <b>Forces</b> <ol style="list-style-type: none"> <li>Small forces which have a greater effect on mechanisms.</li> <li>End of unit assessment.</li> </ol>                                      |

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|                  |                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | <ul style="list-style-type: none"> <li>Create a formula to the poetry and create poems based on Diver's Daughter.</li> </ul>                                                                           |                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                              |
| <b>HALF TERM</b> |                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                              |
| 8                | <b>Rags to riches tale: Diver's Daughter</b> <ul style="list-style-type: none"> <li>Look at our model text</li> <li>Evaluate the writing structure</li> <li>Prefixes dis-, mis-, over-, re-</li> </ul> | <b>Multiplication and division</b> <ul style="list-style-type: none"> <li>Prime numbers</li> <li>Square numbers</li> <li>Cube numbers</li> <li>Multiply by 10,100,1000</li> </ul>                                                                                                       | <b>Reversible and irreversible changes:</b> <ol style="list-style-type: none"> <li>Introduction to topic.</li> <li>Dissolving.</li> </ol>                                                    |
| 9                | <b>Rags to riches tale: Diver's Daughter</b> <ul style="list-style-type: none"> <li>Create a toolkit</li> <li>Evaluating writing our own story</li> </ul>                                              | <b>Multiplication and division</b> <ul style="list-style-type: none"> <li>Divide by 10,100,1000</li> <li>Multiples of 10,100,1000</li> <li>Multi-step problems involving multiplication &amp; division</li> <li>Multi-step problems involving all four operations</li> </ul>            | <b>Reversible and irreversible changes:</b> <ol style="list-style-type: none"> <li>Separating mixtures through filtering.</li> <li>Separating mixtures through sieving.</li> </ol>           |
| 10               | <b>Rags to riches tale: Diver's Daughter</b> <ul style="list-style-type: none"> <li>Finish stories and self-assess</li> </ul>                                                                          | <b>Geometry / maths drawing</b>                                                                                                                                                                                                                                                         | <b>Reversible and irreversible changes:</b> <ol style="list-style-type: none"> <li>Separating mixtures through evaporation.</li> <li>Plan, conduct and evaluate an investigation.</li> </ol> |
| 11               | <b>Assessment week</b><br>Assessing pupils on non-fiction targets from earlier learning in the term. <ol style="list-style-type: none"> <li>Box up</li> <li>Plan</li> <li>Write</li> </ol>             | <b>Fractions</b> <ul style="list-style-type: none"> <li>Compare fractions less than 1</li> <li>Order fractions less than 1</li> <li>Compare and order fractions greater than 1</li> <li>Add and subtract fractions with the same denominator</li> <li>Add fractions within 1</li> </ul> | <b>Reversible and irreversible changes:</b> <ol style="list-style-type: none"> <li>Dissolving, mixing and changes of state as reversible changes.</li> </ol>                                 |
| 12               | <b>Discussion texts</b> <ul style="list-style-type: none"> <li>Read model text on a balanced argument</li> <li>Modal verbs</li> <li>Create a toolkit and features list</li> </ul>                      | <b>Fractions</b> <ul style="list-style-type: none"> <li>Add fractions with total greater than 1</li> <li>Add to a mixed number</li> <li>Add 2 mixed numbers</li> <li>Subtract fractions</li> <li>Subtract from a mixed number</li> </ul>                                                | <b>Reversible and irreversible changes:</b> <ol style="list-style-type: none"> <li>Irreversible change – burning.</li> <li>Formation of new materials – chemical reactions.</li> </ol>       |
| 13               | <b>Discussion texts</b> <ul style="list-style-type: none"> <li>Write independently a discussion text</li> </ul>                                                                                        | <b>Fractions</b> <ul style="list-style-type: none"> <li>Subtract from a mixed number – breaking the whole</li> <li>Subtract two mixed numbers</li> </ul>                                                                                                                                | <b>Reversible and irreversible changes:</b> <ol style="list-style-type: none"> <li>Irreversible change – acid.</li> <li>End of unit assessment.</li> </ol>                                   |