**Mathematics Curriculum Progression of Skills Assessment Grids**

**Note initials of children WB, WT, EXP and GD.**

**Year 6**

Use Assessment Questions from the Ready-to-Progress Criteria Non-Statutory Guidance (DfE, 2020).

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| Strand | Ready-to-progress Criteria | Working Below | Working towards | EXP | Greater Depth |
| Number and Place Value (NPV) | 6NPV–1 Understand the relationship between powers of 10 from 1 hundredth to 10 million, and use this to make a given number 10, 100, 1,000, 1 tenth, 1 hundredth or 1 thousandth times the size (multiply and divide by 10, 100 and 1,000). |  |  |  |  |
| 6NPV–2 Recognise the place value of each digit in numbers up to 10 million, including decimal fractions, and compose and decompose numbers up to 10 million using standard and nonstandard partitioning. |  |  |  |  |
| 6NPV–3 Reason about the location of any number up to 10 million, including decimal fractions, in the linear number system, and round numbers, as appropriate, including in contexts. |  |  |  |  |
| NPV–4 Divide powers of 10, from 1 hundredth to 10 million, into 2, 4, 5 and 10 equal parts, and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts. |  |  |  |  |
| Addition and Subtraction (AS) Multiplication and Division (MD) | 6AS/MD–1 Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding. |  |  |  |  |
| 6AS/MD–3 Solve problems involving ratio relationships. |  |  |  |  |
| 6AS/MD–4 Solve problems with 2 unknowns. |  |  |  |  |
| Fractions (F) | 6F–1 Recognise when fractions can be simplified, and use common factors to simplify fractions. |  |  |  |  |
| 6F–2 Express fractions in a common denomination and use this to compare fractions that are similar in value. |  |  |  |  |
| 6F–3 Compare fractions with different denominators, including fractions greater than 1, using reasoning, and choose between reasoning and common denomination as a comparison strategy. |  |  |  |  |
| Geometry (G) | 6G–1 Draw, compose, and decompose shapes according to given properties, including dimensions, angles and area, and solve related problems. |  |  |  |  |

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| **Attitude To Learning** | **Note initials of children’s attitude to Learning** |
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