

Year 6

National Curriculum objectives (Statutory) Ready to progress statements (Non-statutory: guidance)

Autumn term 2022

Wk1	Wk2	Wk3	Wk4	Wk5	Wk6	Wk7
<p>Number: Number and place value</p> <p><u>Y6</u> WALT- Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</p> <p>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 non-standard partitioning.</p> <p>Y5 RAG July 22 5NPV-2 Recognise the place value of each digit in numbers with up to 2 decimal places, and compose and decompose numbers with up to 2 decimal places using standard and non-standard partitioning.</p>	<p>Number: Number and place value</p> <p><u>Y6</u> WALT- Order and compare numbers to 10,000,000</p> <p><u>Y6</u> WALT -Round any whole number to a required degree of accuracy</p> <p>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.</p> <p>Y5 RAG July 22 5NPV-2 Recognise the place value of each digit in numbers with up to 2 decimal places, and compose and decompose numbers with up to 2 decimal places using standard and non-standard partitioning.</p>	<p>Number: Number and place value</p> <p><u>Y6</u> WALT - Identify the value of each digit in numbers given to three decimal places</p> <p><u>Y6</u> WALT - Use negative numbers in context, and calculate intervals across zero</p> <p>WALT - Identify numbers accurately on a number line and read scales with 2, 4, 5 or 10 intervals.</p> <p>6NPV-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.</p> <p>Y5 RAG July 22 5NPV-3 Reason about the location of any number with up to 2 decimal places in the linear number system, including identifying the previous and next multiple of 1 and 0.1 and rounding to the nearest of each.</p> <p>5NPV-4 Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts.</p>	<p>Number: Addition and Subtraction</p> <p><u>Y5/6</u> WALT -Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</p> <p><u>Y5</u> WALT - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</p> <p><u>Y5</u> WALT - Add and subtract numbers mentally with increasingly large numbers</p>	<p>Number: Multiplication</p> <p><u>Y6</u> WALT - Identify common factors, common multiples and prime numbers</p> <p><u>Y5/6</u> WALT - Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers</p> <p><u>Y5</u> WALT - Multiply numbers mentally, by drawing upon known facts</p> <p><u>Y6</u> WALT - Multiply one-digit numbers with up to two decimal places by whole numbers</p> <p>Y5 RAG July 22 5MD-2 Find factors and multiples of positive whole numbers, including common factors and common multiples, and express a given number as a product of 2 or 3 factors.</p> <p>5MD-3 Multiply any whole number with up to 4 digits by any one-digit number using a formal written method.</p>	<p>Assessment Week</p> <p><u>Y6</u> WALT - Use their knowledge of the order of operations to carry out calculations involving the four operations</p>	<p>Geometry – Angles</p> <p><u>Y3</u> WALT - Identify horizontal and vertical lines and pairs of perpendicular and parallel lines</p> <p><u>Y5</u> WALT - Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles</p> <p><u>Y5</u> WALT - Draw given angles, and measure them in degrees</p> <p><u>Y5</u> WALT - Identify angles at a point and one whole turn</p> <p><u>Y5</u> WALT - Identify angles at a point on a straight line and $\frac{1}{2}$ a turn</p> <p>Y5 RAG July 22 5G-1 Compare angles, estimate, and measure angles in degrees (°) and draw angles of a given size – NOT TAUGHT</p>

Wk1	Wk2	Wk3	Wk4	Wk5	Wk6	Wk7
<p>Number: Division</p> <p><u>Y5</u> WALT - Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context</p> <p><u>Y6</u> WALT - Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context</p> <p>Y5 RAG rating, July 22 5MD-4 Divide a number with up to 4 digits by a one-digit number using a formal written method, and interpret remainders appropriately for the context.</p>	<p>Number: Fractions</p> <p><u>Y6</u> WALT - Use common factors to simplify fractions; use common multiples to express fractions in the same denomination</p> <p><u>Y6</u> WALT - Compare and order fractions, including fractions > 1</p> <p>6F-1 Recognise when fractions can be simplified, and use common factors to simplify fractions.</p> <p>6F-3 Compare fractions with different denominators, including fractions greater than 1, using reasoning, and choose between reasoning and common denominator as a comparison strategy.</p> <p>Y5 RAG rating, July 22 5F-2 Find equivalent fractions and understand that they have the same value and the same position in the linear number system.</p>	<p>Number: Fractions</p> <p><u>Y6</u> WALT - Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions</p> <p><u>Y6</u> WALT - Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]</p> <p><u>Y6</u> WALT - Divide proper fractions by whole numbers (for example $1/3 \div 2 = 1/6$)</p>	<p>Number: Decimals</p> <p><u>Y5</u> WALT - Read and write decimal numbers as fractions [for example, $0.71 = \frac{71}{100}$]</p> <p><u>Y5</u> WALT - Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25</p> <p>Y5 RAG rating, July 22 5F-3 Recall decimal fraction equivalents for $1/2, 1/4, 1/5$ and $1/10$, and for multiples of these proper fractions.</p>	<p>Assessment Week</p> <p><u>Y6</u> WALT - Recall and use equivalences between simple fractions, decimals and percentages, including in difference contexts</p>	<p>Geometry: Properties of shapes</p> <p><u>Y4</u> WALT - Compare and classify geometric shapes, including quadrilaterals and triangles based on their properties and sizes</p> <p><u>Y5</u> WALT - Identifying 3-D shapes including cubes and other cuboids from 2D representations</p> <p><u>Y4</u> WALT - Identify lines of symmetry in 2D shapes presented in different orientations</p> <p><u>Y4</u> WALT - Complete a simple symmetric figure with respect to a specific line of symmetry</p>	<p>Geometry: Position and direction</p> <p><u>Y4</u> WALT - Describe positions on a 2D grid as coordinates in the first quadrant</p> <p><u>Y4</u> WALT - Describe movements between positions as translations of a given unit to the left/right and up/down</p> <p><u>Y4</u> WALT - Plot specified points and draw sides to complete a given polygon</p> <p><u>Y5</u> WALT - Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed</p>