



## Medium-term planning Autumn 2

W	Topic	Curriculum objective
1	Written methods for multiplication	<ul style="list-style-type: none"> <li>To multiply and divide whole numbers and those involving decimals by 10, 100 and 1000.</li> <li>To multiply numbers up to 4 digits by a one- or two-digit number using an efficient written method, including long multiplication for two-digit numbers.</li> <li>To solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</li> </ul>
2	Divide 4-digit numbers	<ul style="list-style-type: none"> <li>To divide numbers up to 4 digits by a one-digit number using the efficient written method of short division and interpret remainders appropriately for the context.</li> <li>To multiply and divide numbers mentally drawing upon known facts.</li> <li>To solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</li> </ul>
3	Fractions and decimals: tenths and hundredths	<ul style="list-style-type: none"> <li>To compare and order fractions whose denominators are all multiples of the same number.</li> <li>To identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths.</li> <li>To read and write decimal numbers as fractions (for example, <math>0.71 = \frac{71}{100}</math>).</li> </ul>
4	Decimals: tenths, hundredths, thousandths	<ul style="list-style-type: none"> <li>To read, write, order and compare numbers with up to three decimal places.</li> <li>To read and write decimal numbers as fractions (for example, <math>0.71 = \frac{71}{100}</math>).</li> <li>To round decimals with two decimal places to the nearest whole numbers and to one decimal place.</li> <li>To recognise and use thousandths and relate them to tenths, hundredths and decimals equivalents.</li> <li>To solve problems involving number up to three decimal places.</li> </ul>
5	2D and 3D shapes	<ul style="list-style-type: none"> <li>To distinguish between regular and irregular polygons based on reasoning about equal sides and angles.</li> <li>To use the properties of rectangles to deduce related facts and find missing lengths and angles.</li> <li>To identify 3D shapes including cubes and cuboids from 2D representations.</li> </ul>
6	Tables and bar charts	<ul style="list-style-type: none"> <li>To complete, read and interpret information in tables, including timetables.</li> </ul>
<b>Assess and review</b>		<ul style="list-style-type: none"> <li>To assess the half-term's work.</li> </ul>