



## TSS Primary Maths MTP 2022-2023

### Year 4 Block 2

Week	Key Targets and Learning Objectives	Student Activity and Workbook References	Success Criteria	Key Vocabulary
1	<ul style="list-style-type: none"><li>• <b>4Ni.07</b> Understand the relationship between multiples and factors.</li><li>• <b>4Ni.08</b> Use knowledge of factors and multiples to understand tests of divisibility by 2, 5, 10, 25, 50 and 100.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp. 37-41</li><li>• Activity Book pp.33-35</li><li>• Student's Book pp. 42-45</li><li>• Activity Book pp.36-38</li></ul>	<ul style="list-style-type: none"><li>• Understand the relationship between multiples and factors.</li><li>• Recognise multiples of 2, 5 and 10.</li><li>• Recite the times table of the numbers 1, 2, 3, 4, 5, 6, 8, 9 and 10.</li><li>• recognise and use factor pairs</li><li>• use strategies and learn rules on divisibility of 2,5,10,25,50,100.</li></ul>	<ul style="list-style-type: none"><li>• factors,</li><li>• multiples,</li><li>• factor pairs,</li><li>• divisible by,</li><li>• multiple of,</li><li>• multiply,</li><li>• divide</li><li>• array,</li><li>• tests,</li><li>• divisibility</li></ul>
2	<ul style="list-style-type: none"><li>• <b>4Gt.02</b> Read and record time accurately in digital notation (12- and 24-hour) and on analogue clocks</li><li>• <b>4Gt.03</b> Interpret and use the information in timetables (12- and 24-hour clocks).</li><li>• <b>4Gt.01</b> Understand the direct relationship between units of time and convert between them.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.49-52</li><li>• Activity Book pp.40-42</li><li>• Student's Book pp.53-55</li><li>• Activity Book pp.43-45</li></ul>	<ul style="list-style-type: none"><li>• know how many seconds in a minute and minutes in an hour.</li><li>• convert between seconds, minutes and hours.</li><li>• convert between weeks, months and years</li><li>• Read and record time accurately in digital notation and analogue clocks in the 12-hour format.</li><li>• Read and record time accurately in digital notation and analogue clocks in the 24-hour format.</li></ul>	<ul style="list-style-type: none"><li>• digital,</li><li>• analogue,</li><li>• 24-hour,</li><li>• 12-hour</li><li>• leap year,</li><li>• seconds,</li><li>• minutes,</li><li>• hours,</li><li>• days,</li><li>• weeks,</li><li>• months,</li><li>• years</li><li>• timetable,</li></ul>
4	<ul style="list-style-type: none"><li>• <b>4Gg.01</b> Investigate what shapes can be made if two or more shapes are combined, and analyse their properties, including reference to tessellation.</li><li>• <b>4Gg.07</b> Identify all horizontal, vertical and diagonal lines of symmetry on 2D shapes and patterns.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.67-70</li><li>• Activity Book pp.52-54</li><li>• Student's Book pp.71-73</li><li>• Activity Book pp.55-57</li></ul>	<ul style="list-style-type: none"><li>• Identify, describe and name 2D shapes by their properties.</li><li>• Investigate what shapes can be made from combining more and one shape together.</li><li>• Physically manipulate shapes to see new shapes being formed.</li><li>• Identify all lines of symmetry</li></ul>	<ul style="list-style-type: none"><li>• combination,</li><li>• polygons,</li><li>• sides,</li><li>• vertices,</li><li>• curved,</li><li>• straight,</li><li>• edges</li><li>• lines of symmetry</li></ul>



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				<ul style="list-style-type: none"><li>• pattern</li></ul>
5	<ul style="list-style-type: none"><li>• <b>4Gp.03</b> Reflect 2D shapes in a horizontal or vertical mirror line, including where the mirror line is the edge of the shape, on square grids.</li></ul>	<ul style="list-style-type: none"><li>• Student's Book pp.74-77</li><li>• Activity Book pp.58-59</li><li>• Student's Book pp.78-80</li><li>• Activity Book pp.60-61</li></ul>	<ul style="list-style-type: none"><li>• reflect 2D shapes in a horizontal or vertical mirror line.</li><li>• use mirrors to help find lines of symmetry.</li></ul>	<ul style="list-style-type: none"><li>• Reflection</li><li>• Mirror line</li><li>• Edge</li><li>• Grid</li></ul>