



## The Fisher Way: Curriculum



*The Fisher Way aims to educate and inspire with joy, faith and love because we are an inclusive Catholic community.*

**Successful and resilient** learners who aspire to and achieve excellence

**Confident** individuals who can explore and communicate effectively

**Responsible** citizens who are active, loving and wise in all their endeavours

<b>Subject</b>	Mathematics
<b>Year Group</b>	Year 7
<b>Intent</b>	<p><b>Successful and resilient learners</b> who have developed their fluency and <b>curiosity</b> in mathematics and can adapt their skills to the work around them.</p> <p><b>Confident individuals</b> who can reason mathematically and use their math skills to solve problems in an <b>eloquent</b> way.</p> <p><b>Responsible citizens</b> who are <b>learned</b> and realise the importance of maths in the world around them even when they may not be using it in their day to day lives.</p>
<b>Narrative</b>	Year 7 follow the White Rose scheme of learning which is followed by many of our feeder primaries. This ensures their journey is a continuous one from year 6 through to year 9.

Progression documents can be found here: <https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/07/National-Curriculum-Progression-Secondary.pdf>

<https://wrm-13b48.kxcdn.com/wp-content/uploads/2020/07/5-Year-Overview-Jul-2020.pdf>

Half term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Knowledge (topics studied)</b>	<ul style="list-style-type: none"> <li>Sequences</li> <li>Algebraic Notation</li> <li>Equality and Equivalence</li> </ul>	<ul style="list-style-type: none"> <li>Place value and Ordering</li> <li>FDP Equivalence</li> </ul>	<ul style="list-style-type: none"> <li>Addition and Subtraction</li> <li>Multiplication and Division</li> <li>Fractions and Percentages of amounts</li> </ul>	<ul style="list-style-type: none"> <li>Directed Number</li> <li>Addition and Subtraction of Fractions</li> </ul>	<ul style="list-style-type: none"> <li>Constructing, measuring and using geometric notation</li> <li>Developing geometric reasoning</li> </ul>	<ul style="list-style-type: none"> <li>Developing number sense</li> <li>Sets and probability</li> <li>Prime numbers and Proof</li> </ul>
<b>Key skills</b>	Calculation, logical thinking, reasoning	Calculation, logical thinking, data analysis, reasoning	Problem solving, logical thinking, calculation, reasoning	Accuracy, calculation, logical thinking, reasoning, problem solving	Spatial awareness, problem solving, logical thinking, reasoning	Problem solving, reasoning, logical thinking, calculation, data analysis
<b>Cultural capital</b>	How sequences can be seen in nature and in the wider world e.g. the Fibonacci sequence.	Making comparisons and drawing conclusions based on numerical data. Best buys scenarios.	Money skills in the real world e.g. when you go shopping.	Understanding temperature changes in the real world (links with Science and Geography).	Why some angles in the world of architecture and construction are used more frequently than others.	Collecting data from other students and staff may help them learn a bit more about the community they live in.
<b>Assessment</b> (Assessments in italic are done at teacher's discretion)	<ul style="list-style-type: none"> <li>Diagnostic Test</li> <li><i>End of topic tests</i></li> </ul>	<ul style="list-style-type: none"> <li>End of term assessment</li> <li><i>End of topic tests</i></li> </ul>	<ul style="list-style-type: none"> <li><i>End of topic tests</i></li> </ul>	<ul style="list-style-type: none"> <li>End of term assessment</li> <li><i>End of topic tests</i></li> </ul>	<ul style="list-style-type: none"> <li><i>End of topic tests</i></li> </ul>	<ul style="list-style-type: none"> <li>End of term assessment</li> <li><i>End of topic tests</i></li> </ul>