

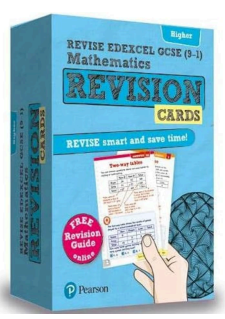
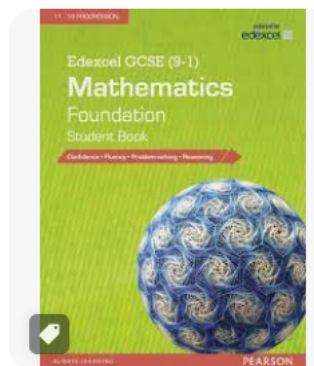
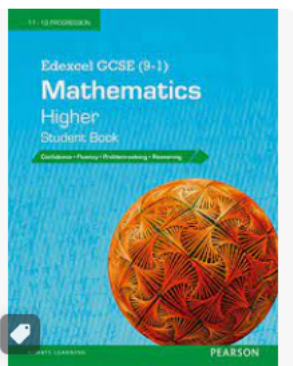


Subject	Maths
Director of subject	Nish Leigh
Subject Intent	<p>Aim of the curriculum is to create successful learners who are confident mathematicians. We want to equip them with the necessary mathematical skills needed to problem solve, reason mathematically and apply the skills in a wider context.</p> <p>Many students at Lealands are underprivileged and don't always get the same opportunities as everyone else. Therefore, we plan to use technology, enrichment opportunities, trips and competitions within our curriculum to narrow the gap.</p> <p>The rationale behind our curriculum design includes trying to make learning stick by having a spiral curriculum. The five main areas of number, algebra, ratio, geometry, and data are taught in a cycle. Each time students revisit an area, they are exposed to more complex content, building on what they have already learnt. We ensure the level of challenge is high enough for the most able, with scaffold and support available for students who need it. We aim to provide a breadth of curriculum coverage whilst still providing opportunities for in-depth learning.</p> <p>Students learn maths cumulatively, building on and deepening their understanding of mathematical ideas and concepts that become increasingly complex. A coherent curriculum knows where students are in this progression of mathematics learning and understanding and builds upon it. That's why our KS3 curriculum follows on from the KS2 curriculum, acknowledging what students should already know from their primary years, and covering all the knowledge and skills they need as a starting point for GCSE.</p>

Years of study	7-11 (5 years)
Exam board	Edexcel
External websites utilised	https://sparxmaths.com/ https://corbettmaths.com/ https://www.mathsgenie.co.uk/ https://www.dr frostmaths.com/
Useful resources	 



Years	HT1	HT2	HT3	HT4	HT5	HT6
Year 7	KO					
Year 8	KO					
Year 9	KO					

Year 10	KO					
Year 11	KO					