FURTHER MATHEMATICS

EXPECTATIONS	➢ Remind yourself of the subject expectations and the syllabus by watching the Subject Video on the school website: https://sixthform.fulford.york.sch.uk/curriculum-offer/
PURCHASE	**Casio FX-991EX Engineering/Scientific Calculator** Year 12 Pearson Edexcel AS and A level Mathematics Applied Mathematics Year 1/AS Textbook (978-1292232539) Pearson Edexcel AS and A level Mathematics Pure Mathematics Year 1/AS Textbook (978-1292183398) Year 13 Pearson Edexcel AS and A level Mathematics Applied Mathematics Year 2 Textbook (978-1446944073) Pearson Edexcel AS and A level Mathematics Pure Mathematics Year 2 Textbook (978-1292183404)
REVIEW	Surds, Expanding brackets, Factorising quadratics, Simplifying expressions, Operations with algebraic fractions, Solving quadratic equations, Quadratic graphs, Linear simultaneous equations, Straight-line graphs, Right-angled trigonometry, Further trigonometry. See "Complete" section for more details.
READ	For interest, the books by Matt Parker or Hannah Fry delve into the world of "recreational maths", as well as the real world applications of the subject. In particular, the two books below would be a great start: Humble Pi: A Comedy of Maths Errors (978-0141989143) The Indisputable Existence of Santa Claus: The Mathematics of Christmas (978-1784162740)
WATCH/LISTEN	Search "corbettmaths" on YouTube if you are struggling to review any of the above topics or complete the transition workbook. For interest, the YouTube Channels Numberphile or 3Blue1Brown are great places to deepen your knowledge and understanding of maths outside of the main curriculum.
COMPLETE	Sparx Maths Transition Workbook (GCSE to A-Level)