

Fullbrook 6 Preparing for A-levels

Subject: **Mathematics and Further Mathematics**

Contact: Mr I Gueye (gueyei@fullbrook.surrey.sch.uk)

Resources for September:

- *Edexcel A Level Mathematics Pure Year 1*
ISBN: 9781292183398
- *Edexcel A Level Mathematics Applied Year 1*
ISBN: 9781292232539
- Casio FX-991EX **OR** Casio FX-991CW calculator (**ESSENTIAL**)
- Pad of lined paper, or a tablet with a stylus if you prefer

Summer Resources – Getting a Head Start:

Books:

- *CGP Headstart to A Level Maths (Bridge the Gap Between GCSE and A-Level)*
ISBN: 978-1782947929

Websites:

- <https://www.mathsgenie.co.uk/newalevel.html>
- <https://www.physicsandmathstutor.com/>
- <https://www.madasmaths.com/>
- <https://www.revisely.com/alevel>

The best preparation you can do for A level Maths is to know the GCSE content REALLY well!

Pay particular attention to mastering the following skills:

- *Surds and Indices*
- *Expanding and Factorising*
- *The Quadratic Formula*
- *Completing the Square*
- *Simultaneous Equations (including quadratic)*
- *Inequalities (including quadratic)*
- *Graph Transformations*
- *Parallel and Perpendicular Lines*

Super Tricky Stuff for those who crave the challenge!

1st Class Maths “Spicy Questions” <https://www.1stclassmaths.com/spicy-questions>

UKMT Senior Challenge Papers <https://ukmt.org.uk/senior-challenges/senior-mathematical-challenge>

YouTube channel for Mathematical discussions: <https://www.youtube.com/@numberphile>

🏠 Selsdon Road | New Haw | Surrey KT15 3HW 📞 01932 349301

🌐 www.fullbrook6.co.uk | www.fullbrook.surrey.sch.uk ✉ fullbrook6@fullbrook.surrey.sch.uk

Executive Principal Mr A McKenzie BA [Hons] Director of F6 Mr S Evans BSc[Hons]