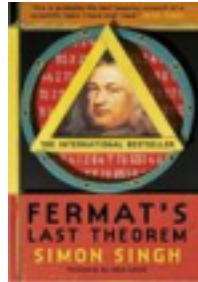


F.MATHS TRANSITION WORK 2025

As you transition from year 11 to year 12, it is very important to refresh your memory on certain core mathematical skills that underpin A-level Mathematics.

FILM/ Shows

- A Beautiful Mind
- Hidden Figures
- The man who knew infinity
- The imitation game
- The story of Maths (Netflix)
- Between the Folds (Amazon)



Books/Magazines

- The Simpsons and their Mathematical Secrets and*
- Fermat's Last Theorem* both by Simon Singh

<https://m.youtube.com/watch?v=qYAdXm69l8g>

- Nature's Numbers and*
- Does God Play Dice?* both by Ian Stewart
- How not to be Wrong* by Jordan Ellenberg
- The Music of the Primes* by Marcus Du Sautoy

•Any Numberphile video
https://www.youtube.com/results?search_query=numberphile

•Plus Magazine - University of Cambridge
<https://plus.maths.org/>



Useful Links/Websites

- Live lessons - getting ready for A-level mathematics
<https://www.youtube.com/watch?v=B9rHZDTPfUU>
- Holyport Maths <https://sites.google.com/holyportcollege.org.uk/holyportmaths?usp=sharing>
- Summer start for A Level Maths Playlist (Primrose Kitten)
<https://www.youtube.com/playlist?list=PL7O6CcKgoHaEoGAK4fX9kiQXwMQerJZJ9>

•The following link is to a website with weekly maths problems which would be very beneficial for Further Maths students - in particular with your problem solving skills:

<https://www.kingsmathsschool.com/weekly-maths-challenge>.

Task to be completed over summer

Work through the OCR transition to A-level pack:

 [373371-bridging-the-gap-between-gcse-and-as-a-level-mathematics-a-student-guide.doc...](#)

This pack is to be handed in during your first week of classes in September.