A Level Further Mathematics Transition Tasks

1   You should complete this free, interactive course that will prepare you for your A level Mathematics course; please find the information for this on the A level Mathematics Transition Task Link.

2   Please use the following links to have a look at some of the material you will be studying next year:

Complex numbers:

https://student.desmos.com/activitybuilder/student-greeting/60f1427306d943d4d3620008

Matrices :

https://student.desmos.com/activitybuilder/student-greeting/60af9652caab8a0851e7261b

3   Additional reading list:

Fermat's Last Theorem by *Simon Singh*

The Millenium Problems by *Keith Devlin*

Journey Through Genius: The Great Theorems of Mathematics by *William Dunham*

The Equation That Couldn't Be Solved by *Mario Livio*

Kepler's Conjecture by *George Szpiro*

Poincaré's Prize by *George Szpiro*

The Music of the Primes by *Marcus du Sautoy*

Four Colors Suffice by *Robin Wilson*

4   Additional reading list (Imperial College):

https://www.imperial.ac.uk/be-inspired/schools-outreach/secondary-schools/post-16-resources-and-events/stem-book-list/