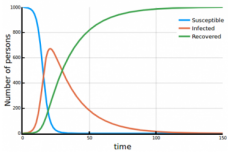


LET'S GET CURIOUS ABOUT A Level Mathematics

Before you begin at The Sixth Form in September you are required to complete the following tasks which are aimed to increase your curiosity in **Mathematics**.

THE ARTICLES and BOOKS to read...



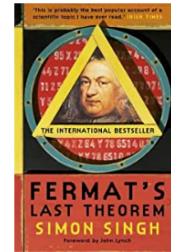
A Simple Example of a Mathematical Model: The Spread of an Infectious Disease

<https://www.pathsense.eu/simple-example-mathematical-model-spread-infectious-disease/>

The Risk of Floods
A blog by Rob Eastaway



<http://robeastaway.com/blog/flood-risks>



Fermat's Last Theorem: The Book
by Simon Singh



<https://simonsingh.net/books/fermats-last-theorem/>

THE VIDEOS and FILMS to watch...



Hidden Figures
The incredible untold story of Katherine G. Johnson, Dorothy Vaughan and Mary Jackson



Trailer: <https://www.youtube.com/watch?v=RK8xHq6dfAo>

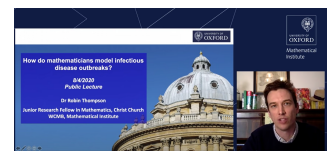
$$x^n + y^n = z^n$$

Simon Singh on Fermat's Last Theorem



Video by Numberphile <https://www.youtube.com/watch?v=qiNcEguuFSA>

How do mathematicians model infectious disease outbreaks?
(A public lecture from Oxford Mathematics)



https://www.youtube.com/watch?v=m6Hr69JH_wA



THE ACCOUNTS to follow...

@OxfordMathematics

@robeastaway

@UKMathsTrust

@standupmaths

@sparksmaths

@numberphile

@fryRsquared

@ch_nira

@ZoeLGriffiths

@EmpowerWithTech

Engaging in the above activities will prepare you for our first week of activities and discussions. Get curious and see you in September!