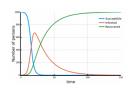


## A Level Mathematics

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...

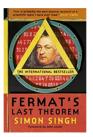


A Simple
Example of a
Mathematical
Model: The
Spread of an
Infectious
Disease

https://www.pathsense.eu/ simple-example-mathematicalmodel-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



@OxfordMathematics

THE ACCOUNTS to follow...

@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!