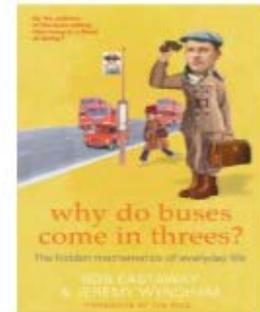# Maths and Further Maths A-Level – Wider Reading list

Why Do Buses Come in Threes?: The Hidden Mathematics of Everyday Life

(Rob Eastaway & Jeremy Wyndham)
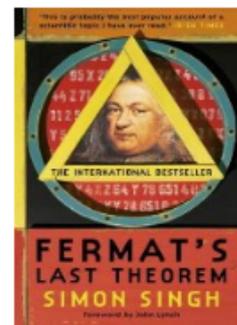
http://www.amazon.co.uk/gp/product/1861058624/ref=as_li_ss_tl?ie=UTF8&tag=m0455-21&linkCode=as2&camp=1634&creative=19450&creativeASIN=1861058624

Fermat's Last Theorem: The story of a riddle that confounded the world's greatest minds for 358 years

(Simon Singh)

The story of how an English Mathematician, Andrew Wiles, proved one of the most famous problems in mathematics. There is also lots of interesting information on the associated website.

http://www.amazon.co.uk/gp/product/1841157910/ref=as_li_ss_tl?ie=UTF8&tag=m0455-21&linkCode=as2&camp=1634&creative=19450&creativeASIN=1841157910

http://www.simonsingh.net/books/fermats-last-theorem/
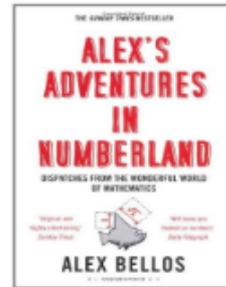
Alex's Adventures in Numberland
(Alex Bellos)

A very accessible and well-written introduction to mathematics written in the style of a travelogue that demonstrates how useful, universal, interesting and beautiful mathematics is.
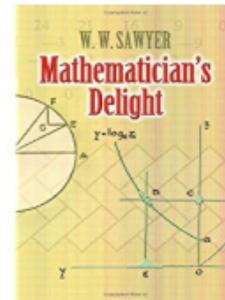

http://www.amazon.co.uk/Alexs-Adventures-Numberland-Alex-Bellos/dp/1408809591/ref=sr_1_1?s=books&ie=UTF8&qid=1306920804&sr=1-1

Mathematician's Delight (Dover Science Books)
(W.W. Sawyer)

Written in the style of a novel, this book starts from simple arithmetic and builds to calculus, providing insight and understanding throughout. The sections on logarithms and trigonometry are especially good.
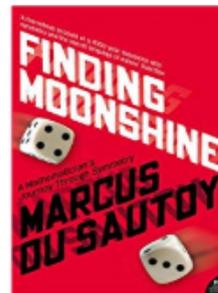

http://www.amazon.co.uk/gp/product/0486462404/ref=as_li_ss_tl?ie=UTF8&tag=m0455-21&linkCode=as2&camp=1634&creative=19450&creativeASIN=0486462404

Symmetry
(Marcus Du Sautoy)

A year in the life of an eminent mathematician that combines descriptions of what he is actually doing in each month with insights into his interest in and working on symmetry. It highlights some interesting and accessible maths and also talks about the history and personalities that developed these ideas.
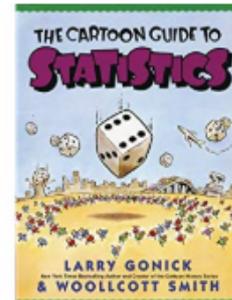
http://www.amazon.co.uk/gp/product/0007214626/ref=as_li_ss_tl?ie=UTF8&tag=m0455-21&linkCode=as2&camp=1634&creative=19450&creativeASIN=0007214626

The Cartoon Guide to Statistics
(Larry Gonick & Woolcott Smith)

An illustrated easy to read introduction to statistical concepts, with some real applications.

http://www.amazon.co.uk/gp/product/0062731025/ref=as_li_ss_tl?ie=UTF8&tag=m0455-21&linkCode=as2&camp=1634&creative=19450&creativeASIN=0062731025