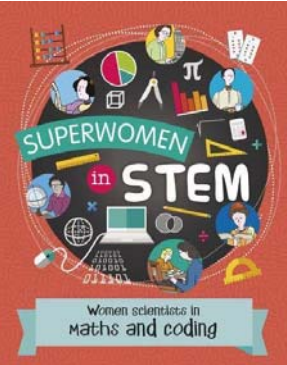
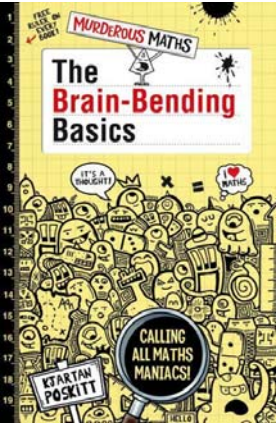
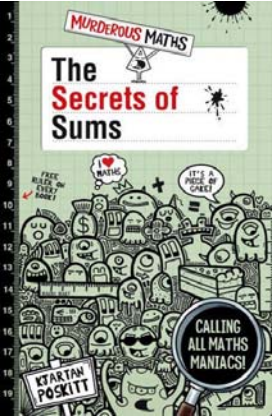
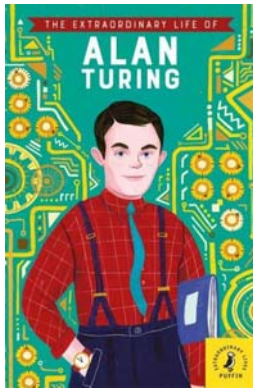


Recommended Reads

MATHEMATICS

All of the recommended titles can be found in the Academy's Library.

	<p><i>Superwomen in STEM</i> Catherine Brereton</p> <p>Discover the remarkable achievements of female mathematicians in this fascinating book. Learn more about this STEM topic through inspirational women such as Ada Lovelace, the Bletchley Park code-breakers and Katherine Johnson, and find out how they overcame prejudice and other obstacles to achieve scientific greatness.</p> <p>Shelf mark: Biography 920.008</p>
	<p><i>The Brain-Bending Basics</i> Kjartan Poskitt</p> <p>The Brain-Bending Basics is full of facts, tricks and tips to give students a roller coaster overview into the utterly nutty world of maths.</p> <p>With a fabulous brand-new cover design and simple explanations and hilarious characters you can:</p> <ul style="list-style-type: none"> • learn to become a mathematical master • discover all about the impossible race • find out how numbers can have superpowers - and more! <p>Get ready to be amazed!</p> <p>Shelf mark: Mathematics 510</p>
	<p><i>The Secrets of Sums</i> Kjartan Poskitt</p> <p>The Secrets of Sums is full of facts, tricks and tips to help students discover why numbers are nifty and arithmetic is amazing.</p> <p>Through simple explanations and hilarious characters, you can learn how to:</p> <ul style="list-style-type: none"> • tackle the terrible times table • master diabolical division • conquer fractions - and much more! <p>Get ready to be amazed!</p> <p>Shelf mark: Mathematics 513</p>

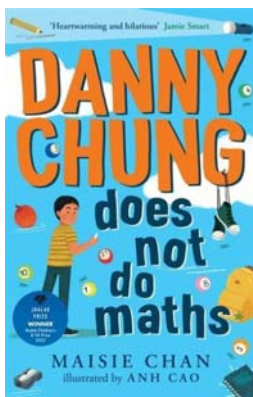


Alan Turing Michael Lee Richardson

Alan Turing was a mathematician, scientist and codebreaker who helped defeat the Nazis in the Second World War with his incredible decoding of secret messages from enemy soldiers.

Discover his life story in this beautifully illustrated book, from his childhood as a quiet boy who loved maths, to becoming one of the most important scientists and codebreakers in history.

Shelf mark: Biography **920**

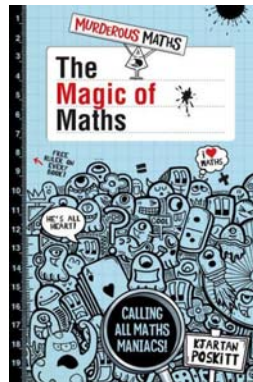


Danny Chung Does Not Do Maths Maisie Chan

Eleven-year-old Danny Chung loves drawing more than anything - certainly more than maths, which, according to his dad and everyone else, is what he is 'supposed' to be good at. He also loves having his own room where he can draw in peace, so his life is turned upside down when a surprise that he's been promised turns out to be his little, wrinkly, ex-maths-champion grandmother from China.

DANNY CHUNG DOES NOT DO MATHS is both heart-warming and hilarious, filled with characters you'll instantly love.

Shelf mark: Fiction **CHA**

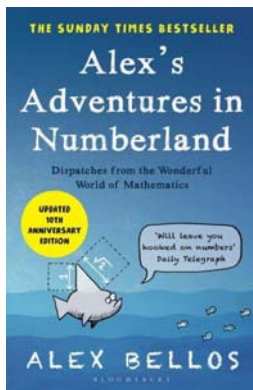


The Magic of Maths KJartan Poskitt

The Magic of Maths teaches new tricks to help students:

- discover how to use the power of maths to beat the calculator
- perform amazing card tricks
- read minds - using the power of maths!

Shelf mark: Mathematics **510**

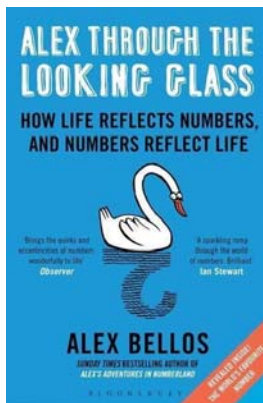


Alex's Adventures in Numberland Alex Bellos

In this richly entertaining and accessible book, Alex Bellos explodes the myth that maths is best left to the geeks, and demonstrates the remarkable ways it's linked to our everyday lives. Alex explains the surprising geometry of the 50p piece, and the strategy of how best to gamble it in a casino.

The world of maths is a much friendlier and more colourful place than you might have imagined.

Shelf mark: Mathematics **510**

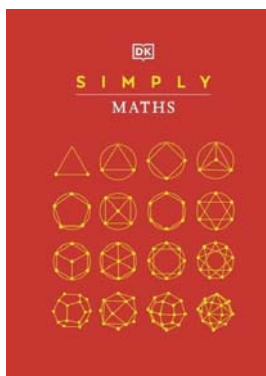


Alex Through the Looking Glass Alex Bellos

From triangles, rotations and power laws, to fractals, cones and curves, bestselling author Alex Bellos takes you on a journey of mathematical discovery with his signature wit, engaging stories and limitless enthusiasm. As he narrates a series of eye-opening encounters with lively personalities all over the world, Alex demonstrates how numbers have come to be our friends, are fascinating and extremely accessible, and how they have changed our world.

Alex will get you hooked on maths as he delves deep into humankind's turbulent relationship with numbers, and proves just how much fun we can have with them.

Shelf mark: Mathematics **510**

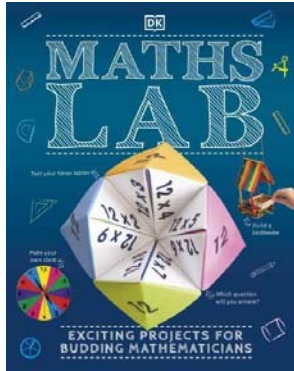


Simply Maths Michael Clark

A simple, comprehensive guide to mathematics

Organized by major themes - number theory and systems; calculations; geometry; algebra; graphs; ratio and proportion; measurement; probability and statistics; and calculus - entries explain the essentials of each key mathematical theory with simple clarity and for ease of understanding.

Shelf mark: Mathematics **510**

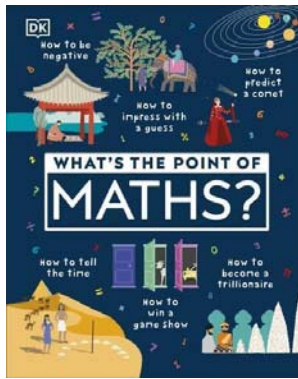


Maths Lab Michelle Crane

A collection of 27 projects - art, crafts, and cooking - all designed to explain how maths works and is encountered in the real world.

Produced in conjunction with the Smithsonian Institution, Maths Lab is designed to appeal to maths geeks and those that prefer practical projects. To complete these engaging projects, kids don't need to be maths genius or even know how to use a calculator. Each task comes with easy-to-follow instructions, photographs and illustrations to help whip up super cool maths creations!

Shelf mark: Mathematics **510**

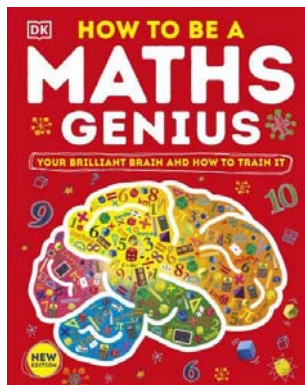


What's the Point of Maths? Clarisse Hassan

Maths makes the world go around. An educational book that will give you surprising answers to everyday maths challenges.

This book unpacks how maths is an essential part of our everyday life in ways that you never thought of. Crazy facts, magic tricks, mathematical brainteasers and beautiful illustrations show you that maths is interesting, fun, and unintimidating!

Shelf mark: Mathematics **510**

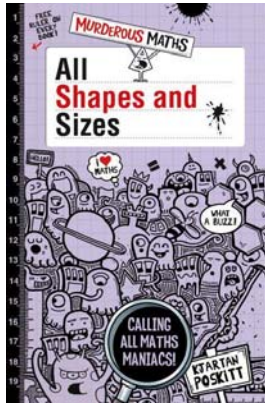


How to be a Maths Genius Mike Goldsmith

Get better at maths and numbers by realizing which math skills you already use in daily life, and learn new ones while having fun.

This essential book explains the basic ideas behind maths, to give young readers greater confidence in their own ability to handle numbers and mathematical problems, and puts the ideas in context to help children understand why maths really is useful and even exciting! Fun, cartoon-style illustrations help introduce the concepts and demystify the maths.

Shelf mark: Mathematics **510**

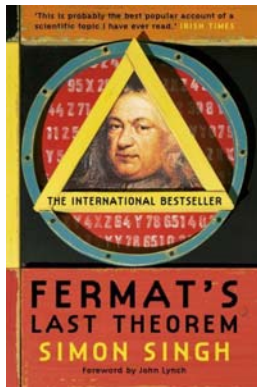


All Shapes and Sizes KJartan Poskitt

MURDEROUS MATHS: All Shapes and Sizes is full of facts, tricks and tips to help children discover why shapes are super and measurements are magic! With simple explanations and hilarious characters to guide them through, students can:

- learn all about tricky triangles
- cut through the cake crisis
- suss out spangled angles - and much more!

Shelf mark: Mathematics **516**



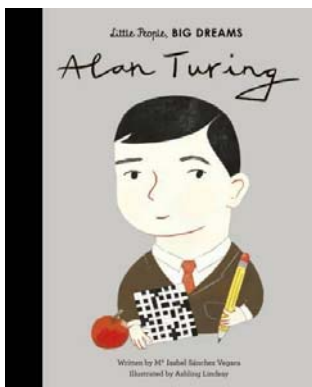
Fermat's Last Theorem Simon Singh

'I have a truly marvellous demonstration of this proposition which this margin is too narrow to contain.'

It was with these words, written in the 1630s, that Pierre de Fermat intrigued and infuriated the mathematics community. For over 350 years, proving Fermat's Last Theorem was the most notorious unsolved mathematical problem, a puzzle whose basics most children could grasp but whose solution eluded the greatest minds in the world.

Recommended for Key Stage 4

Shelf mark: Mathematics **512.74**



Alan Turing Maria Vegara

A simplified, illustrated biography of computer scientist Alan Turing.

Alan grew up in England, where his best friends were numbers and a little boy called Christopher. When his young friend died, Alan retreated to the world of numbers and codes, where he discovered how to crack the code of the Nazi Enigma machine. This moving book features stylish and quirky illustrations and extra facts at the back, including a biographical timeline with historical photos and a detailed profile of the brilliant mathematician's life.

Recommended for Year 7

Shelf mark: Biography **920**