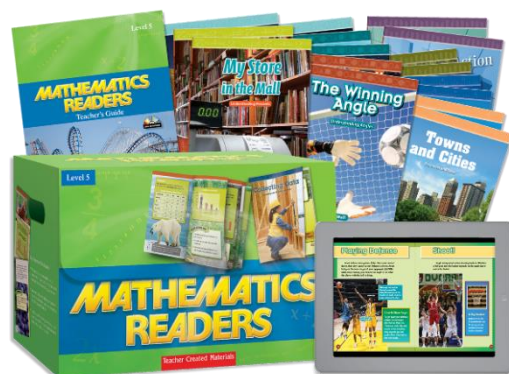


**Tuen Mun Catholic Secondary School**  
**Mathematics LAC Books (2016-2017)**

**1. Mathematics Readers**

This “Mathematics Readers” series relates Mathematics and the real world. It helps us explore maths in a meaningful way. This series of books are easy to read. I recommend them to our Form 1 students.



**CSI**

Author: Andrew Einspruch  
Publisher: Teacher Created Materials  
ISBN: 978-0743909211

If you like detective stories, you will sometimes encounter cases when a criminal is caught because they have left some important clues not seen by normal people, but discovered by forensic (科學鑑證) scientists. This thin booklet “CSI” teaches you how to analyze data and introduces you to fingerprint patterns, DNA profiling, lie detectors... etc. Have fun reading “CSI”!

**Amusement Park**

Author: Dianne Irving  
Publisher: Teacher Created Materials  
ISBN: 978-0743909181

How much do you know about roller coasters? This thin booklet “Amusement Park” introduces you to different kinds of roller coasters in the world, including the roller coaster in our Ocean Park. Have fun reading “Amusement Park”!

**The Winning Angle**

Author: Julia Wall  
Publisher: Teacher Created Materials  
ISBN: 978-0743909136

If you like ball games, you might find this thin booklet “The Winning Angle” interesting, for it introduces you to different angles of hitting, kicking and throwing balls. Have fun reading “The Winning Angle”!

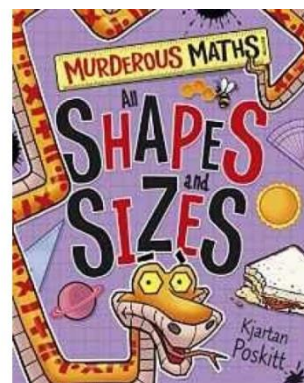
**Ocean Maps**

Author: Julia Wall  
Publisher: Teacher Created Materials  
ISBN: 978-0743909150

The sea is always a mysterious place. This thin booklet “Ocean Maps” tells you how technology is used to measure the depth of the ocean, draw ocean maps, navigate the sea and locate lost ships. Have fun reading “Ocean Maps”!

## 2. **Murderous Maths: All Shapes and Sizes**

Author: Kjartan Poskitt  
Publisher: Scholastic Ltd.  
ISBN: 978-1-407147-22-2

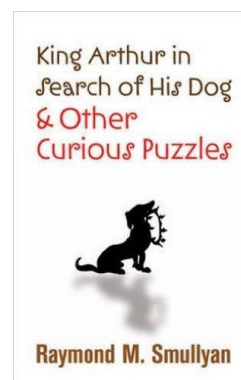


### Introduction:

This is a mathematics book from “Murderous Maths” series. The Maths in this book is perfect for junior form students. It is most suitable for those who want to know more about shapes, angles and sizes. There are many pictures in this book to help introduce its content. You can learn many things related to mathematics from this book. For examples, how to draw regular polygons and ellipse, the mystery number  $\pi$ , the story of cake-cutting crisis, the strangle tale of perimeters, how to shove shapes together, introduction of the Euler formula, construction of Nets of solid and how to make your own superstars etc.

## 3. **King Arthur In Search of His Dog & Other Curious Puzzles**

Author: Raymond M. Smullyan  
Publisher: Dover Publications, Inc. Mineolam New York  
ISBN: 978-0-486-47435-9



### Introduction:

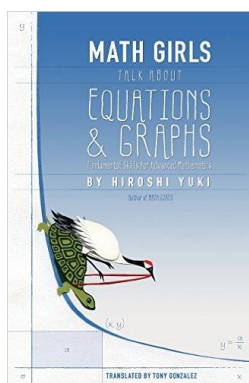
The book is mainly for the puzzle-lovers of all ages. It consists primarily of arithmetical puzzles. If you cannot solve them, you will learn much from reading the solutions, which will show you how you can solve similar problems. Many of the stories are rooted in classic puzzles, but his innovative approaches offer even the most mathematically knowledgeable readers novel ways of thinking about traditional logic problems. The solutions are creative and are as much fun as the puzzles. Happy reading!

#### 4. Math Girls Talk About series

Author: Yuki Hiroshi

Publisher: Bento Books, Incorporated

The “Math Girls Talk About” series is most suitable for those who want to firm up their basic math understanding. The topics are introduced through conversations between the characters from Math Girls, offering an easy and fun way to learn the content.

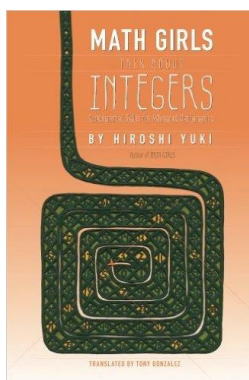


##### Math Girls Talk About Equations & Graphs (Volume 1)

ISBN: 978-1939326195

Introduction:

“Math Girls Talk About Equations and Graphs” develops topics such as using variables in equations, setting up systems of equations, the relation between equations and their graphs, etc.

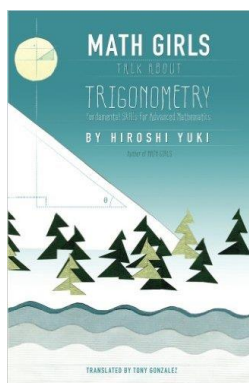


##### Math Girls Talk About Integers (Volume 2)

ISBN: 978-1939326232

Introduction:

“Math Girls Talk About Integers” introduces you to a variety of fun topics, including curious features of the prime numbers, tricks for checking for multiples of 3 and 9, using division remainders to solve some unusual problems, etc.



##### Math Girls Talk About Trigonometry (Volume 3)

ISBN: 978-1939326256

Introduction:

“Math Girls Talk About Trigonometry” explores a variety of fun topics in trigonometry, from basics like defining the sine and cosine functions, to different ways of deriving the value of pi, etc.