



## Course Content

In the third term, Year 7 Mathematics course aims to cover chapters 13-19 of the Book 1 from Oxford International Maths for Cambridge Secondary 1 series.

We will continue learning fractions, decimals and percentages, which was started in the last term, solidifying students' knowledge about conversions between these fundamental types of numbers. Next, is Sequences, Functions and Graphs; a chapter where students will to recognise arithmetic sequences, patterns and also study an important concept of functions.

Chapter 15: Symmetry and Transformations, will introduce students to reflection, rotation and translation of shapes. We will practice on solving various transformation problems by using tracing paper and interactive apps. Next unit, Ratio and Proportion will focus on students being able to make comparisons between ratios, simplify them and solve interesting problems with proportions.

Chapter 17: Area, Perimeter and Volume will cover a broad range of topics related to geometric properties of shapes. Moving on, Probability will tackle the topics of possible and impossible events, chances to get a good score and other exciting topics. The last chapter, Sets and Venn Diagrams, will be followed by the end-of-term exam.

## Resources

1. Oxford International Maths for Cambridge Secondary 1 - Book 1: chapters 13-19 (Pp. 225-317)
2. [www.myimaths.com](http://www.myimaths.com)
3. Teacher-created resources

## Assessment

- Homework and assignments: 20%
- Quizzes: 30%
- Term exam: 50%