

Term 2

Year 8

Mathematics

Course content

In this term the topics covered will be calculations with fractions and decimals using laws of arithmetic. In algebra students will learn solving linear equations, substitution and derive and use simple formulae. They will cover angles on parallel lines, angles in common shapes, solving problems using angle properties and finding midpoint of a line segment in shapes. In graphs students will learn to draw and interpret graphs in real life contexts. In statistics students will learn to draw and interpret pie charts, frequency diagrams, line graphs and compare two distributions using averages and range.

Resources

- Text, Complete Mathematics for Cambridge Secondary 2
 - Section 1: Fractions
 - Section 2: Expressions, equations and formulae
 - Section 3: Geometry
 - Section 4: Fractions and decimals
 - Section 5: Time and rates of change
 - Section 6: Presenting data and interpreting results
- Myimaths which is an online interactive teaching tool
- Further resources and links will be posted on edmodo.

Assessment

- Homework- online on myimaths or photocopied sheets from the homework book- 15%
- End of chapter test/quizzes- 25%
- Mid-term exam- 20%
- End of term exam-40%