<u>**Term 1**</u>

<u>**Year 8**</u>

<u>**Mathematics**</u>

Course content

In this term the course covers the number calculations with decimals, prime number, integers, square, cubes and roots. In algebra students will extend their knowledge in constructing, simplifying and expanding expressions and functions. In shapes the concepts covered will be construction, congruency, symmetry and drawing nets. Topics covered in measures are units of length, mass and capacity, area, volume and capacity, estimation and metric and imperial units. Students will extend their knowledge in statistics by understanding discrete and continuous data and finding averages and ranges of the collected data.

Resources

- Text, Complete Mathematics for Cambridge Secondary 2
  Section 1: Number and calculation 1
  Section 2: Expressions and functions
  Section 3: Shapes and mathematical drawings
  Section 4: Length, mass and capacity
  Section 5: Number and calculation 2
  Section 6: Planning, collecting and processing data
- 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%

RPO