

## MATHEMATICS – YEAR 8

### Aims

- To build on the skills, concepts and knowledge developed in Year 7.
- To continue to develop their understanding and confidence with the basic skills, including refining further some of the methods used at Key Stage 2.
- To develop their problem solving abilities.

### Course Description

The year 8 course follows the guidelines of the National Numeracy Strategy. Students study modules of work based on Number and Algebra, Shape, Space and Measure, and Data handling. The students follow differentiated schemes of work supported by the Collins Frameworking series.

### Grouping

Students are set into five groups in each year half based on their assessment tests during year 7. These groups are adjusted as necessary after each Assessment Test.

### Assessment

Students are given an Assessment Test after every 3 or 4 modules, they will be awarded a National Curriculum level for these tests. The levels will vary throughout the year depending on the content of the modules tested. They will also self assess their understanding after each set of modules using their 'smiley faces' sheets. Students can achieve up to a level 7b by the end of year 8.

### Homework

Homework will be set each week, although it may not always be a written piece of work. It may be to research a topic, revisit some class work, learn a formula or revise for an assessment test.

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