

Maths YEAR 7

Course outline:

Year 7 are taught with their tutor groups, currently giving eight mixed ability groups.

Using guidelines in the Framework For Teaching Mathematics, students are taught an appropriate balance of work in each term and across the year. This covers Number, Algebra, Space & Measures, and Handling Data. Teachers follow plans which were set up in line with The Framework For Teaching Mathematics. These cover most of level 5 in the National Curriculum, but also revise level 4. More able students are set extension work that concentrates on level 6. Further supplementary work is used by individual teachers according to the needs of their students.

The lessons are split up into three parts, those being an oral and mental starter, the main teaching activity and a final plenary. All pupils are issued with copies of the work to be covered that should be kept in their books for reference.

Assessment:

Pupils are assessed formally three times during the year. These assessments take place at the beginning of November, beginning of March, and end of May during the end of year exams.

Homework:

Pupils can expect to be set homework twice a week. The work will usually be connected with class work extending, consolidating and practicing the mathematics used in the previous lesson.

Reading list/Useful Websites:

Students are advised to purchase a revision guide that covers levels appropriate to their current National Curriculum level. A guide that covers up to level 6 would be useful to an average pupil through to the end of Year 8.

There are a range of websites that can support learning. However, it is essential that pupils do further practice questions when preparing for mathematics tests and examinations.

Recommended website - www.mymaths.co.uk

Additional information:

The main resource that is used in Year 7 is Oxford's Maths Links series. A homework book & CD rom is issued to all the pupils to take home and additional classroom texts are available while they are in school. Other resources are used as appropriate to the topics being covered. ICT is also used to enhance pupils' understanding and enjoyment.

Maths YEAR 8

Course outline:

Year 8 are taught in ability groups that are decided by their progress in Year 7. There are three separate courses, i.e. Higher (sets 1 & 2), Intermediate (set 3) and Foundation (set 4). Using guidelines in the Framework For Teaching Mathematics, students are taught an appropriate balance of work in each term and across the year. This covers Number, Algebra, Space & Measures and Handling Data. Teachers follow plans which were set up in line with The Framework For Teaching Mathematics. The National Curriculum levels covered reflect the needs of the group. Further supplementary and extension work is used by individual teachers according to the needs of their students.

The lessons are split into three parts, those being an oral and mental starter, the main teaching activity and a final plenary. All pupils are issued with copies of the work to be covered that should be kept in their books for reference.

Assessment:

Pupils are assessed formally three times during the year. These assessments take place in November, beginning of March and end of May, during the end of year exams.

Homework:

Pupils can expect to be set homework twice a week. The work will usually be connected with class work extending, consolidating and practicing the mathematics used in the previous lesson.

Reading list/Useful Websites:

Students are advised to purchase a revision guide that covers levels appropriate to their current National Curriculum level.

There are a range of websites that can support learning. However, it is essential that pupils do further practice questions when preparing for mathematics tests and examinations.

Recommended website - www.mymaths.co.uk

Additional information:

A textbook is issued to all pupils and is used to practice topics and to provide homework. Other resources are used as appropriate to the topics being covered. ICT is also used to enhance pupils' understanding and enjoyment.

Pupils require a scientific calculator and mathematical equipment for all lessons. Pupils are required to employ non-calculator methods, mental methods and the use of a calculator as appropriate.

Maths YEAR 9

Course outline:

Year 9 are taught in ability groups that are decided by their progress in Year 8.

Course	NC levels covered	Likely tier of entry
Higher course – set 1 & 2	Levels 6 to 8	6 to 8 / 5 to 7
Higher/Intermediate course – set 3	Levels 5 to 7	5 to 7
Intermediate course – set 4	Levels 4 to 6	4 to 6
Foundation course – set 5	Levels 3 to 5	3 to 5

Using guidelines in the Framework For Teaching Mathematics, students are taught an appropriate balance of work in each term and across the year. This covers Number, Algebra, Space & Measures, and Handling Data. Teachers follow plans which were set up in line with The Framework For Teaching Mathematics. The National Curriculum levels covered reflect the needs of the group. Further supplementary and extension work is used by individual teachers according to the needs of their students.

The work reflects the needs of the National Curriculum Tests in that mental methods, non-calculator methods and calculator methods are employed across the full range of topics. All pupils are issued with copies of the work to be covered that should be kept in their books for reference. Many of the lessons are split into three parts, those being an oral and mental starter, the main teaching and a final plenary.

Assessment:

Pupils are assessed formally three times during the year. These assessments take place in November, beginning of March, and beginning of May (National Curriculum Tests – often referred to as SATS).

Homework:

Pupils can expect to be set homework twice a week. The work will usually be connected with class work extending, consolidating and practicing the mathematics used in the previous lesson.

Reading list/Useful Websites:

Students are advised to purchase a revision guide that can be used through the year leading up to the National Curriculum Tests in May. There are a range of websites that can support learning. However, it is essential that pupils do further practice questions when preparing for mathematics tests and examinations.

Recommended website.- www.mymaths.co.uk

Additional information:

A textbook is issued to all pupils and is used to practice topics and to provide homework. Other resources are used as appropriate to the topics being covered. ICT is also used to enhance pupils' understanding and enjoyment. Pupils require a scientific calculator and mathematical equipment for all lessons.

Maths YEAR 10

Course outline:

Year 10 are taught in ability groups that are decided by their progress in Year 9. There are two tiers of entry. Sets one to six follow the higher GCSE course and sets seven to nine follow the foundation course. Most pupils in sets five and six are usually entered for the higher tier, however, decisions concerning tiers of entry for GCSE are not finalised until after the GCSE mock examination in Year 11.

Students are taught work in units that have been formed by breaking down the examination syllabus. A range of topics covering aspects of Number, Algebra, Shape, Space and Measures and Handling Data is covered by all students.

All pupils are issued with copies of the units of work to be covered that should be kept in their books for reference.

Assessment:

Unit 1	Formally assessed through class test in November.
Unit 2	Formally assessed through class test in March.
Unit 3	Formal assessment of Units 1, 2 & 3 through two written examinations in May. Non-calculator and calculator.

Homework:

Pupils can expect to be set homework at least twice a week. The work will usually be connected with class work extending, consolidating and practicing the mathematics used in the previous lesson.

Reading list/Useful Websites:

Students are advised to purchase a GCSE revision guide that can be used through to Year 11. There are a range of websites that can support learning. However, it is essential that pupils do further practice questions when preparing for mathematics tests and examinations.

Recommended website.- www.mymaths.co.uk

Additional information:

A textbook is issued to all pupils and is used to practice topics and to provide homework. Other resources are used as appropriate to the topics being covered. ICT is used to enhance pupils' understanding and enjoyment. Pupils require a scientific calculator and mathematical equipment for all lessons.