

Director of Learning: Mr R Musson

Students in Year 7 follow a course of study designed to reinforce the work done at Key Stage 2 and to extend this in preparation for their next Key Stage.

Students will take part in individual work, small group and whole class activities. The mathematics followed on the course can be classified under the National Curriculum targets:

- MA1** Using and Applying Mathematics
- MA2** Number & Algebra
- MA3** Shape and Space
- MA4** Data Handling

MA1 will be approached with activities during lessons and with extended tasks exploring mathematical concepts in cross curricular events during deep learning days. These tasks will involve functional skills elements of the curriculum.

The other Attainment Targets will be assessed regularly, approximately every term with school assessment levels provided twice yearly after formal assessments.

With the increased emphasis on the non-calculator skills, students will have the opportunity to improve their mental arithmetic skills to help them develop strategies for problem solving.

We have also recently reviewed and rewritten our Scheme of Work for Year 7 to incorporate some of the 'Mastery' approach favoured in such countries as China and Singapore. Whilst there are significant cultural differences we feel that there are aspects of this approach that can be beneficial to our students and we have incorporated some of these methods into our curriculum.

Students will be expected to be fully prepared for all lessons ensuring they have all equipment and books. This will mean bringing the following: scientific calculator, angle measurer, compasses, pen, pencil and ruler.

Homework is an integral part of the course and students will be expected to complete this on a weekly basis, either by way of written assignments or using a software package called Mathswatch.