**Old Buckenham High School | Year 11 – The Year Ahead | Wednesday 1st November 2017**

**Mathematics**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Exam** | **Duration** | **Marks available** | **% of GCSE** | **Topics/ content** |
| Maths Paper 1  Non-Calculator | 1 hour 30 minutes | 80 | 33.3% of Maths GCSE | Number, Algebra, Geometry and measures, Probability and Statistics, Ratio and Proportion. |
| Maths Paper 2  Calculator | 1 hour 30 minutes | 80 | 33.3% of Maths GCSE | See above |
| Maths Paper 3  Calculator | 1 hour 30 minutes | 80 | 33.3% of Maths GCSE | See above |

*Before revising, students should complete personal learning checklists for their subjects. These ask students to RAG rate both the topics/ content of their exams and also the skills they are required to use. Doing this will help them to identify priorities and make effective use of their revision time.*

**Personal Learning Checklists**

|  |  |  |  |
| --- | --- | --- | --- |
| **Topic (what I need to know)** | **R** | **A** | **G** |
| Every topic in the Maths GCSE actual exam will be assessed in the mock exam. |  |  |  |
| Please refer to the GCSE Mathematics Higher / Foundation checklist your teacher will have given you. If you do not have one see Mr Foreman |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Skill** | **R** | **A** | **G** |
| Memorise and apply key facts and formulae. |  |  |  |
| Confident in written methods (ie, without a calculator) such as multiplication, division, addition and subtraction of whole numbers, decimals and fractions. |  |  |  |
| Understand and be able to apply the content in the GCSE Mathematics Higher / Foundation checklist. |  |  |  |
| As above but be able to recognise which concept needs to be applied in context or multi-stage problems to solve complex problems. |  |  |  |

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**TOP REVISION TIPS FOR MATHS**

* Study little and often. If you are tired you will retain very little.
* Find a pad of paper /old exercise book to write in. Work through the checklist, practising questions on the scrap paper – check to see if you’ve got it right. Ask for help if you don’t know where you’ve gone wrong.
* Don’t keep practising topics you’ve mastered – move on to the next one.
* When you are confident with most or all topics (or it’s approaching the exams!), have a go at the past papers.
* If there is an exam question you can’t do – don’t leave it and ignore it as there will be similar questions like it in the actual exam. Ask for help.
* Don’t leave your revision to the last minute. It doesn’t work very well.
* Learn the facts and formulae that aren’t given in the exam. Flash cards are good for this – get a friend / parent / carer to test you.