**Year 10 Maths (set 1)**

**6 Week Plan**

**1st June to 10th July**

The 6-week plan (below) for set 1 pupils has been set using Hegartymaths. Pupils are asked to watch the videos, make notes and complete the quiz for each lesson. This will enable us to track pupil performance and for the class teacher to intervene if needed.

**Website:** [**www.hegartymaths.co.uk**](http://www.hegartymaths.co.uk)

**Login details: pupil name, DOB and their own password**

When pupils have completed a number of lessons, they are to complete a MEMRI quiz, on hegartymaths, and work through additional questions using the corbettmaths links in the plan below. Pupils are to mark these using the answers provided by Miss Duffy via SMHW.

If you have any questions then please contact the class teacher through SMHW.

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| **Subject** | **Lesson 1** | **Lesson 2** | **Lesson 3** | **Lesson 4** | **Lesson 5** |
| Week 1 | **Equation of a circle 1**Lesson 778 | **Equation of a circle 2**Lesson 2 | Wellness Wednesday  | **Corbett maths practice questions**<https://corbettmaths.com/wp-content/uploads/2013/02/equation-of-a-circle-2.pdf> | **Multiplication and division with surds.**Lesson 113 and 114 |
| Week 2 | **Simplifying surds**Lesson 115 | **Brackets involving Surds**Lesson 116 and 117 | Wellness Wednesday | **Rationalising Surds 1**Lesson 118 | **Rationalising surds 2**Lesson 119 |
| Week 3 | **Corbett Maths practice questions**<https://corbettmaths.com/wp-content/uploads/2013/02/surds.pdf> | **Column Vectors**Lesson 623 | Wellness Wednesday | **Negative Vectors**Lesson 624 | **Combining Vectors**Lesson 625 |
| Week 4 | **Vectors: Multiplying by a scalar.**Lesson 626 | **Vectors Corbett Maths Worksheet**<https://corbettmaths.com/wp-content/uploads/2019/03/Column-Vectors.pdf> | Wellness Wednesday | **Vectors: Geometry problems 1**Lesson 628 | **Vectors: Geometry problems 2**Lesson 629 |
| Week 5 | **Graph Transformations f(x)**$\pm a$Lesson 307 | **Graph transformations** $f(x\pm a)$Lesson 308 | Wellness Wednesday | **Graph transformations** $af(x)$Lesson 309 | **Graph transformations** $f(ax)$Lesson 310 |
| Week 6 | **Graph Transformations** $-f(x)$Lesson 311 | **Graph Transformations** $f(-x)$Lesson 312 | Wellness Wednesday | **Corbett maths practice questions**<https://corbettmaths.com/wp-content/uploads/2013/02/transformations-of-graphs-pdf1.pdf> | **Practice paper**<https://corbettmaths.com/wp-content/uploads/2019/04/Higher-Set-A-Paper-1.pdf><https://corbettmaths.com/wp-content/uploads/2019/04/Higher-A-1-Answers-2-1.pdf> |

**Year 10 Maths (set 2)**

**6 Week Plan**

**1st June to 10th July**

The 6-week plan (below) for set 2 pupils has been set using Mathswatch or GCSE topic tests. Pupils are asked to watch the videos and complete the questions for each Mathswatch lesson. This will enable us to track pupil performance and for the class teacher to intervene if needed. Pupils are asked to complete tests then check answers for the topic test lessons. All non Mathswatch work will be available on SMHW.

**Website:** [**www.vle.mathswatch.co.uk**](http://www.vle.mathswatch.co.uk)

**Login details: username: is first initial (uppercase) surname (lowercase)@southmoorschool**

 **(eg for John Smith username: Jsmith@southmoorschool)**

 **Password: southmoor**

If you have any questions then please contact the class teacher through SMHW.

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| **Subject** | **Lesson 1** | **Lesson 2** | **Lesson 3** | **Lesson 4** | **Lesson 5** |
| **Week 6****Wb 1/6/20** | Topic Test Higher 1 | Mathswatch Fractions Lesson 1 | Wellness Wednesday  | Corbett Maths consolidation booklet | Mathswatch Fractions Lesson 2 |
| **Week 7****Wb 8/6/20** | Topic Test Higher 2 | Mathswatch Fractions Lesson 3 | Wellness Wednesday | Corbett Maths consolidation booklet 134/142 | Mathswatch Fractions Lesson 4 |
| **Week 8****Wb 15/6/20** | Topic Test Higher 3 | Corbett Maths consolidation booklet  | Wellness Wednesday |  Mathswatch Reciprocal Lesson  | Corbett Maths consolidation booklet |
| **Week 9****Wb 22/6/20** | Topic Test Higher 4 | Mathswatch Indices Lesson 1 | Wellness Wednesday | Corbett Maths consolidation booklet | Mathswatch Indices Lesson 2 |
| **Week 10****Wb 29/6/20** | Topic Test Higher 5 | Corbett Maths consolidation booklet | Wellness Wednesday | Mathswatch Indices Lesson 3 | Corbett Maths consolidation booklet |
| **Week 11****Wb 6/7/20** | Topic Test Higher 5 | Exam paper | Wellness Wednesday | Exam paper | Exam paper |

**Year 10 Maths (sets 3-5)**

**6 Week Plan**

**1st June to 10th July**

The 6-week plan (below) for set 2 pupils has been set using Mathswatch, corbettmaths or GCSE topic tests. Pupils are asked to watch the videos and complete the questions for each Mathswatch lesson. This will enable us to track pupil performance and for the class teacher to intervene if needed. Pupils are asked to complete tests then check answers for the topic test lessons. All non Mathswatch work will be available on SMHW.

**Website:** [**www.vle.mathswatch.co.uk**](http://www.vle.mathswatch.co.uk)

**Login details: username: is first initial (uppercase) surname (lowercase)@southmoorschool**

 **(eg for John Smith username: Jsmith@southmoorschool)**

 **Password: southmoor**

If you have any questions then please contact the class teacher through SMHW.

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| **Subject** | **Lesson 1** | **Lesson 2** | **Lesson 3** | **Lesson 4** | **Lesson 5** |
| **Week 6****Wb 1/6/20** | Topic test 9 | Mathswatch Fractions Lesson 1 | Wellness Wednesday  | Corbett Maths consolidation booklet | Mathswatch Fractions Lesson 2 |
| **Week 7****Wb 8/6/20** | Topic test 10 | Mathswatch Fractions Lesson 3 | Wellness Wednesday | Corbett Maths consolidation booklet 134/142 | Mathswatch Fractions Lesson 4 |
| **Week 8****Wb 15/6/20** | Topic test 11 | Corbett Maths consolidation booklet  | Wellness Wednesday |  Mathswatch Reciprocal Lesson  | Corbett Maths consolidation booklet |
| **Week 9****Wb 22/6/20** | Topic test 12 | Mathswatch Indices Lesson 1 | Wellness Wednesday | Corbett Maths consolidation booklet | Mathswatch Indices Lesson 2 |
| **Week 10****Wb 29/6/20** | Topic test 13 | Corbett Maths consolidation booklet | Wellness Wednesday | Mathswatch Indices Lesson 3 | Corbett Maths consolidation booklet |
| **Week 11****Wb 6/7/20** | Topic test 13 | Exam paper | Wellness Wednesday | Exam paper | Exam paper |