

Remote Curriculum

Year 10 Maths: Higher Term 1



How it Works:

1. Find the correct week commencing row.
2. Find today`s day - There are up to 3 different lessons in each day – you won`t run out of work.
3. Choose a lesson – hold ctrl and click the chosen link. If you don`t recognise the work, it appears too difficult or the link doesn`t load then try another task – look at the previous/next lesson or look at other days.
4. Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz (LSQ)
5. Complete any starter quizzes.
 - a. Write your answer down
 - b. Mark your answers and write down any corrections
6. Watch the videos and take notes.
7. Pause if/when instructed to do so to answer questions or respond.
8. Complete and go onto the next one.

| Week Commencing | Week | Lesson | Title | Lesson 1 Hold ctrl and click | Lesson 2 Hold ctrl and click | GCSE Exam Qs Hold ctrl and click |
|-----------------|------|-----------|---------------------|---|---|--|
| 2/9/24 | A | Monday | | Volume of Cubes and Cuboids | Volume of Triangular Prisms | Volume of Prisms Questions Volume of Prisms Solutions |
| | | Tuesday | | Volume of Triangular Prisms | Volume 3 | |
| | | Wednesday | | Volume 3 | Prisms and Cylinders | Volume of Cylinders Questions Volume of Cylinders Solutions |
| | | Thursday | | Prisms and Cylinders | Volume of Cylinders | |
| | | Friday | | Volume of Cylinders | Volume of Pyramids | |
| 9/9/24 | B | Monday | Volume | Volume of Pyramids | Volume of Cones | Volume of Prisms Questions 2 Volume of Prisms Solutions 2 |
| | | Tuesday | | Volume of Cones | Volume of Hemisphere | |
| | | Wednesday | | Volume of Hemisphere | Volume of Spheres | Volume of Sphere Questions Volume of Sphere Solutions Volume of Cones Questions Volume of Cones Solutions |
| | | Thursday | | Volume of Spheres | Volume of Composite Solids | |
| | | Friday | | Volume of Spheres, Cones and Pyramids | | |
| 16/9/24 | A | Monday | Accuracy and Bounds | Error Intervals 1 | Error Intervals 2 | Bound Questions Bounds Solutions |
| | | Tuesday | | Error Intervals 2 | 0510 Error Intervals | |
| | | Wednesday | | 0510 Error Intervals | Error Intervals and Significant Figures | |
| | | Thursday | | Error Intervals and Significant Figures | Bounds 1 | |
| | | Friday | | Bounds 1 | Bounds 2 | |
| 23/09/24 | B | Monday | | Bounds 2 | Bounds 3 | Error Intervals Questions 1 Error Intervals Solutions 1 |
| | | Tuesday | | Bounds 3 | 1146 Bounds Review | |
| | | Wednesday | | Bounds 4 | 1144 Bounds Calculations 1 | |

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|----------|---|-----------|------------------------|---|---|--|
| | | Thursday | | 1144 Bounds Calculations 1 | 1143 Upper and Lower Bounds | |
| | | Friday | | 1145 Bounds Calculations 2 | 0979 Upper and Lower Bounds/Error Intervals | |
| 30/9/24 | A | Monday | Transformations | 0979 Upper and Lower Bounds/Error Intervals | Upper and Lower Bounds and Error Intervals | Limits of Accuracy Questions |
| | | Tuesday | | Upper and Lower Bounds and Error Intervals | 1328 Calculations Using Error Bounds | Limits of Accuracy Solutions |
| | | Wednesday | | 1328 Calculations Using Error Bounds | Calculating Using Error Bounds | |
| | | Thursday | | Rotate and Object around a Given Coordinate | Reflection | |
| | | Friday | | Reflection | Multiple Reflections | |
| 7/10/24 | B | Monday | | Multiple Reflections | Enlargements | GCSE: Rotation 1 GCSE: Rotation 2 |
| | | Tuesday | | Enlarge an Object with a Positive Scale Factor | Enlarge an Object with a Negative Scale Factor | |
| | | Wednesday | | Enlarge an Object with a Negative Scale Factor | Enlargements and Area | |
| | | Thursday | | Enlargements and Area | Translation | GCSE: Reflection 1 |
| | | Friday | | Combining Translations and Reflections | Describe an Object Translated in a Given Vector | GCSE: Reflection 2 |
| 14/10/24 | A | Monday | | Translate and Describe a 2D Vector | Represent a Column Vector as a Diagram Using Notation | GCSE: Translation 1 GCSE: Translation 2 |
| | | Tuesday | | Represent a Column Vector as a Diagram Using Notation | Write a Column Vector from a Diagram | |
| | | Wednesday | | Write a Column Vector from a Diagram | Add and Subtract Two Column Vectors 1 | GCSE: Enlargement 1 GCSE: Enlargement 2 |
| | | Thursday | | Add and Subtract Two Column Vectors 1 | Add and Subtract Two Column Vectors 2 | |
| | | Friday | | Add and Subtract Two Column Vectors 2 | Multiply Vectors by a Scalar | GCSE: Mixed Transformations |
| 21/10/24 | B | Monday | Loci and Constructions | Construct Triangles | Construct a Perpendicular Bisector | Loci and Construction Questions |
| | | Tuesday | | Construct a Perpendicular Bisector | Perpendicular Bisector from Point to a Line | Loci and Construction Solutions |
| | | Wednesday | | Perpendicular Bisector from Point to a Line | Construct an Angle Bisector | Loci Questions |
| | | Thursday | | Construct an Angle Bisector | Constructions and Loci 1 | Loci Solutions |
| | | Friday | | Constructions and Loci 1 | Constructions and Loci 2 | Constructions Questions |
| | | Friday | | Solve Simultaneous Equations 3 | Solving Simultaneous Equations 4 | Constructions Solutions |