

Remote Curriculum

Year 9 – Mathematics: Sets 1, 2 and 3

How it Works:

1. Find the correct week commencing row.
2. Find today's day - There are 2 different lessons in each day – you won't run out of work.
3. Choose a lesson – hold ctrl and click the chosen link.
 - a. If you don't recognise the work, it appears too difficult or the link doesn't load;
 - i. 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.



Ivybridge
COMMUNITY COLLEGE

| Week Commencing | Week | Day | Title | Lesson 1 | Lesson 2 |
|-----------------|------|-----------|--------------------------|--|--|
| 5/1/2026 | B | All Week | Solving Linear Equations | Checking understanding of algebraic notation | Securing understanding of equality |
| 12/1/2026 | A | Monday | | Securing understanding of equality | Different types of equations |
| | | Tuesday | | Different types of equations | Equality in an equation |
| | | Wednesday | | Equality in an equation | Solution to an equation |
| | | Thursday | | Solution to an equation | Many equations, one solution |
| | | Friday | | Many equations, one solution | Solving simple linear equations with an additive step |
| 19/1/2026 | B | Monday | | Solving simple linear equations with an additive step | Solving simple linear equations with a multiplicative step |
| | | Tuesday | | Solving simple linear equations with a multiplicative step | Preparing to solve two step linear equations |
| | | Wednesday | | Preparing to solve two step linear equations | Solving two step linear equations |
| | | Thursday | | Solving two step linear equations | Rearranging to solve linear equations |
| | | Friday | | Rearranging to solve linear equations | Solving complex linear equations |
| | | | | Solving complex linear equations | Brackets in equations |
| | | | | Brackets in equations | Solving linear equations where brackets are used |
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| 26/1/2026 | A | Monday | Solving Linear Equations | Solving linear equations where brackets are used | Solving complex linear equations involving brackets |
| | | Tuesday | | Solving complex linear equations involving brackets | Problem solving with linear equations |
| | | Wednesday | | Problem solving with linear equations | Checking and securing understanding of the distributive law with algebraic terms |
| | | Thursday | Expressions and Formulae | Checking and securing understanding of the distributive law with algebraic terms | Checking and securing solving linear equations |
| | | Friday | | Checking and securing solving linear equations | The product of two binomials |
| 2/2/2026 | B | Monday | | The product of two binomials | Difference of two squares |
| | | Tuesday | | Difference of two squares | More complex binomial products |
| | | Wednesday | | More complex binomial products | Additive relationships |
| | | Thursday | | Additive relationships | Multiplicative relationships between terms |
| | | Friday | | Multiplicative relationships between terms | Changing the subject with simple formula |
| 9/2/2026 | A | Monday | | Changing the subject with simple formula | Changing the subject with more complex formula |
| | | Tuesday | | Changing the subject with more complex formula | Changing the subject to suit the context |
| | | Wednesday | | Changing the subject to suit the context | Evaluating expressions with and without changing the subject |
| | | Thursday | | Evaluating expressions with and without changing the subject | Problem solving with expressions and formulae |
| | | Friday | | Problem solving with expressions and formulae | Brackets in equations |
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| 23/2/2026 | B | All Week | Trigonometry | Checking and securing understanding of similar triangles | Checking and securing understanding of Pythagoras' theorem |
| | | | | Checking and securing understanding of Pythagoras' theorem | The unit circle |
| | | | | The unit circle | Scaling the right-angled triangle from the unit circle |
| | | | | Scaling the right-angled triangle from the unit circle | Sine and cosine ratios |
| 2/3/2026 | A | Monday | | Sine and cosine ratios | Tangent ratio |
| | | Tuesday | | Tangent ratio | Using the sine ratio |
| | | Wednesday | | Using the sine ratio | Using the cosine ratio |
| | | Thursday | | Using the cosine ratio | Using the tangent ratio |
| | | Friday | | Using the tangent ratio | Choosing the right trigonometric ratio |

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| 9/3/2026 | B | Monday | Estimation and Rounding | Choosing the right trigonometric ratio | Choosing an appropriate method for finding lengths of a triangle |
| | | Tuesday | | Choosing an appropriate method for finding lengths of a triangle | Problem solving with trigonometry |
| | | Wednesday | | Checking understanding of rounding | Securing understanding of rounding |
| | | Thursday | | Securing understanding of rounding | Rounding to three decimal places |
| | | Friday | | Rounding to three decimal places | Rounding to any number of decimal places |
| 16/3/2026 | A | Monday | Estimation and Rounding | Rounding to any number of decimal places | Rounding integers to one significant figure |
| | | Tuesday | | Rounding integers to one significant figure | Rounding integers to significant figures |
| | | Wednesday | | Rounding integers to significant figures | Rounding decimals to significant figures |
| | | Thursday | | Rounding decimals to significant figures | Degrees of accuracy |
| | | Friday | | Degrees of accuracy | Estimating numerical calculations |

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| 23/3/2026 | B | Monday | | Estimating numerical calculations | Checking by estimating |
| | | Tuesday | | Checking by estimating | Truncating |
| | | Wednesday | | Truncating | Overestimating vs underestimating |
| | | Thursday | | Overestimating vs underestimating | Rounding errors |
| | | Friday | | Rounding errors | Inequality notation to express error |
| 30/3/2026 | A | All Week | | Inequality notation to express error | Using inequality notation for errors in calculations |
| | | | | Using inequality notation for errors in calculations | Problem solving with estimation and rounding |
| | | | | Rounding to three decimal places | Rounding to any number of decimal places |
| | | | | Rounding to any number of decimal places | Rounding integers to one significant figure |