

# Remote Curriculum

## Year 8 Mathematics

### 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.

If you don't recognise the work, it appears too difficult or the link doesn't load;

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
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 | Lesson    | Title                          | Lesson 1<br>Hold ctrl and click                             | Lesson 2<br>Hold ctrl and click                             |
|-----------------|------|-----------|--------------------------------|---|---|
| 8/09/25         | B    | Monday    | <i>Estimation and Rounding</i> | <a href="#">Checking understanding of rounding</a>          | <a href="#">Securing understanding of rounding</a>          |
|                 |      | Tuesday   |                                | <a href="#">Securing understanding of rounding</a>          | <a href="#">Rounding to three decimal places</a>            |
|                 |      | Wednesday |                                | <a href="#">Rounding to three decimal places</a>            | <a href="#">Rounding to any number of decimal places</a>    |
|                 |      | Thursday  |                                | <a href="#">Rounding to any number of decimal places</a>    | <a href="#">Rounding integers to one significant figure</a> |
|                 |      | Friday    |                                | <a href="#">Rounding integers to one significant figure</a> | <a href="#">Rounding integers to significant figures</a>    |
| 15/09/25        | A    | Monday    |                                | <a href="#">Rounding integers to significant figures</a>    | <a href="#">Rounding decimals to significant figures</a>    |
|                 |      | Tuesday   |                                | <a href="#">Rounding decimals to significant figures</a>    | <a href="#">Degrees of accuracy</a>                         |
|                 |      | Wednesday |                                | <a href="#">Degrees of accuracy</a>                         | <a href="#">Estimating numerical calculations</a>           |
|                 |      | Thursday  |                                | <a href="#">Estimating numerical calculations</a>           | <a href="#">Checking by estimating</a>                      |
|                 |      | Friday    |                                | <a href="#">Checking by estimating</a>                      | <a href="#">Truncating</a>                                  |
| 22/09/25        | B    | Monday    |                                | <a href="#">Truncating</a>                                  | <a href="#">Overestimating vs underestimating</a>           |
|                 |      | Tuesday   |                                | <a href="#">Overestimating vs underestimating</a>           | <a href="#">Rounding errors</a>                             |

|          |   |           |                           |   |   |
|----------|---|-----------|---------------------------|---|---|
|          |   | Wednesday |                           | <a href="#">Rounding errors</a>   | <a href="#">Inequality notation to express error</a>  |
|          |   | Thursday  |                           | <a href="#">Inequality notation to express error</a>  | <a href="#">Using inequality notation for errors in calculations</a>                              |
|          |   | Friday    |                           | <a href="#">Using inequality notation for errors in calculations</a>                              | <a href="#">Problem solving with estimation and rounding</a>                                      |
| 29/09/25 | A | Monday    |                           | <a href="#">Problem solving with estimation and rounding</a>                                      | <a href="#">Rounding integers to one significant figure</a>                                       |
|          |   | Tuesday   |                           | <a href="#">Rounding integers to one significant figure</a>                                       | <a href="#">Rounding integers to significant figures</a>  |
|          |   | Wednesday |                           | <a href="#">Rounding integers to significant figures</a>  | <a href="#">Rounding decimals to significant figures</a>  |
|          |   | Thursday  |                           | <a href="#">Rounding decimals to significant figures</a>  | <a href="#">Degrees of accuracy</a>   |
|          |   | Friday    |                           | <a href="#">Degrees of accuracy</a>   | <a href="#">Estimating numerical calculations</a>   |
| 06/10/25 | B | Monday    |                           | <a href="#">Checking understanding of sequences</a>   | <a href="#">Securing understanding of sequences</a>   |
|          |   | Tuesday   |                           | <a href="#">Securing understanding of sequences</a>   | <a href="#">Formalising a sequence</a>  |
|          |   | Wednesday |                           | <a href="#">Formalising a sequence</a>  | <a href="#">Generating a sequence using a term-to-term rule</a>                                   |
|          |   | Thursday  |                           | <a href="#">Generating a sequence using a term-to-term rule</a>                                   | <a href="#">Generating a sequence using a position-to-term rule</a>                               |
|          |   | Friday    |                           | <a href="#">Generating a sequence using a position-to-term rule</a>                               | <a href="#">Arithmetic sequences</a>  |
| 13/10/25 | A | Monday    | Sequences                 | <a href="#">Arithmetic sequences</a>  | <a href="#">Expressing an arithmetic sequence</a>   |
|          |   | Tuesday   |                           | <a href="#">Expressing an arithmetic sequence</a>   | <a href="#">Calculating any term</a>  |
|          |   | Wednesday |                           | <a href="#">Calculating any term</a>  | <a href="#">Finding the nth term</a>  |
|          |   | Thursday  |                           | <a href="#">Finding the nth term</a>  | <a href="#">Representing sequences graphically</a>  |
|          |   | Friday    |                           | <a href="#">Representing sequences graphically</a>  | <a href="#">Justifying terms of a sequence</a>  |
| 20/10/25 | B | Monday    |                           | <a href="#">Justifying terms of a sequence</a>  | <a href="#">Problem solving with sequences</a>  |
|          |   | Tuesday   |                           | <a href="#">Problem solving with sequences</a>  | <a href="#">Arithmetic sequences</a>  |
|          |   | Wednesday |                           | <a href="#">Calculating any term</a>  | <a href="#">Expressing an arithmetic sequence</a>   |
|          |   | Thursday  |                           | <a href="#">Finding the nth term</a>  | <a href="#">Calculating any term</a>  |
|          |   | Friday    |                           | <a href="#">Representing sequences graphically</a>  | <a href="#">Finding the nth term</a>  |
|          |   |           |                           |   |   |
| 03/11/25 | A | Monday    | Graphical Representations | <a href="#">Checking and securing understanding of plotting coordinates</a>                       | <a href="#">Checking and securing understanding of plotting coordinates generated from a rule</a> |
|          |   | Tuesday   |                           | <a href="#">Checking and securing understanding of plotting coordinates generated from a rule</a> | <a href="#">Checking and securing understanding of plotting coordinates with technology</a>       |
|          |   | Wednesday |                           | <a href="#">Checking and securing understanding of plotting coordinates with technology</a>       | <a href="#">Checking and securing plotting a relationship</a>                                     |

|          |   |           |                          |   |   |
|----------|---|-----------|--------------------------|---|---|
|          |   | Thursday  |                          | <a href="#">Checking and securing plotting a relationship</a>                 | <a href="#">Features of linear relationships</a>                              |
|          |   | Friday    |                          | <a href="#">Features of linear relationships</a>                              | <a href="#">Defining features of linear relationships</a>                     |
| 10/11/25 | B | Monday    |                          | <a href="#">Defining features of linear relationships</a>                     | <a href="#">Positive rate of change from a graph</a>                          |
|          |   | Tuesday   |                          | <a href="#">Positive rate of change from a graph</a>                          | <a href="#">Negative rate of change from a graph</a>                          |
|          |   | Wednesday |                          | <a href="#">Negative rate of change from a graph</a>                          | <a href="#">Rate of change from a coordinate pair</a>                         |
|          |   | Thursday  |                          | <a href="#">Rate of change from a coordinate pair</a>                         | <a href="#">The intercept point</a>   |
|          |   | Friday    |                          | <a href="#">The intercept point</a>   | <a href="#">The equation of a straight line</a>                               |
|          |   |           |                          |   |   |
| 17/11/25 | A | Monday    |                          | <a href="#">The equation of a straight line</a>                               | <a href="#">Finding the equation of the line <math>y = mx + c</math></a>      |
|          |   | Tuesday   |                          | <a href="#">Finding the equation of the line <math>y = mx + c</math></a>      | <a href="#">Finding the equation of the line <math>ay + bx + c = 0</math></a> |
|          |   | Wednesday |                          | <a href="#">Finding the equation of the line <math>ay + bx + c = 0</math></a> | <a href="#">Using dynamic software to explore linear relationships</a>        |
|          |   | Thursday  |                          | <a href="#">Using dynamic software to explore linear relationships</a>        | <a href="#">Problem solving with graphing linear relationships</a>            |
|          |   | Friday    |                          | <a href="#">Problem solving with graphing linear relationships</a>            | <a href="#">The equation of a straight line</a>                               |
| 24/11/25 | B | Monday    | Solving Linear Equations | <a href="#">Checking understanding of algebraic notation</a>                  | <a href="#">Securing understanding of equality</a>                            |
|          |   | Tuesday   |                          | <a href="#">Securing understanding of equality</a>                            | <a href="#">Different types of equations</a>                                  |
|          |   | Wednesday |                          | <a href="#">Different types of equations</a>                                  | <a href="#">Equality in an equation</a>                                       |
|          |   | Thursday  |                          | <a href="#">Equality in an equation</a>                                       | <a href="#">Solution to an equation</a>                                       |
|          |   | Friday    |                          | <a href="#">Solution to an equation</a>                                       | <a href="#">Many equations, one solution</a>                                  |
| 01/12/25 | A | Monday    |                          | <a href="#">Many equations, one solution</a>                                  | <a href="#">Solving simple linear equations with an additive step</a>         |
|          |   | Tuesday   |                          | <a href="#">Solving simple linear equations with an additive step</a>         | <a href="#">Solving simple linear equations with a multiplicative step</a>    |
|          |   | Wednesday |                          | <a href="#">Solving simple linear equations with a multiplicative step</a>    | <a href="#">Preparing to solve two step linear equations</a>                  |
|          |   | Thursday  |                          | <a href="#">Preparing to solve two step linear equations</a>                  | <a href="#">Solving two step linear equations</a>                             |
|          |   | Friday    |                          | <a href="#">Solving two step linear equations</a>                             | <a href="#">Rearranging to solve linear equations</a>                         |
| 08/12/25 | B | Monday    |                          | <a href="#">Rearranging to solve linear equations</a>                         | <a href="#">Solving complex linear equations</a>                              |

|          |   |           |  |   |   |
|----------|---|-----------|--|---|---|
|          |   | Tuesday   |  | <a href="#">Solving complex linear equations</a>                      | <a href="#">Brackets in equations</a>                                 |
|          |   | Wednesday |  | <a href="#">Brackets in equations</a>                                 | <a href="#">Solving linear equations where brackets are used</a>      |
|          |   | Thursday  |  | <a href="#">Solving linear equations where brackets are used</a>      | <a href="#">Solving complex linear equations involving brackets</a>   |
|          |   | Friday    |  | <a href="#">Solving complex linear equations involving brackets</a>   | <a href="#">Solving linear equations graphically using technology</a> |
| 15/12/25 | A | Monday    |  | <a href="#">Solving linear equations graphically using technology</a> | <a href="#">Problem solving with linear equations</a>                 |
|          |   | Tuesday   |  | <a href="#">Problem solving with linear equations</a>                 | <a href="#">Preparing to solve two step linear equations</a>          |
|          |   | Wednesday |  | <a href="#">Different types of equations</a>                          | <a href="#">Solving two step linear equations</a>                     |
|          |   | Thursday  |  | <a href="#">Equality in an equation</a>                               | <a href="#">Rearranging to solve linear equations</a>                 |
|          |   | Friday    |  | <a href="#">Solution to an equation</a>                               | <a href="#">Solving complex linear equations</a>                      |