**Walton High School Hub Curriculum** 

**Year 8 – Maths**

**Half term 5 (April 2025 – May 2025)**

How it works:

1. In the table, find the correct week by looking at the date in the first column.
2. Find today’s work – there are three links per double lesson so you won’t run out of work!
3. Choose a lesson – hold ctrl and click on the chosen link.

**If the link does not work, you do not recognise the work or the work is too difficult, try another lesson.**

1. Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz.
2. Complete any starter quizzes.
	1. Write your answer down
	2. Mark your answers and write down any corrections, using the videos.
3. Watch the videos and take notes.
4. Pause if/when instructed to do so to answer questions or respond.
5. When the lesson is complete, go onto the next one.

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| Week commencing | Day | Topic | Lesson 1 | Lesson 2 |
| 28/04/25 | Monday | Algebraic manipulations | [Checking and securing understanding of the distributive law with algebraic terms |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/checking-and-securing-understanding-of-the-distributive-law-with-algebraic-terms/overview)  | [Checking and securing solving linear equations |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/checking-and-securing-solving-linear-equations/overview)  |
| Tuesday | [The product of two binomials |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/the-product-of-two-binomials/overview)  | [Difference of two squares |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/difference-of-two-squares/overview)  |
| Wednesday | [More complex binomial products |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/more-complex-binomial-products/overview)  | [Additive relationships |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/additive-relationships/overview)  |
| Thursday  | [Multiplicative relationships between terms |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/multiplicative-relationships-between-terms/overview)  | [Changing the subject with simple formula |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/changing-the-subject-with-simple-formula/overview)  |
| Friday | [Changing the subject with more complex formula |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/changing-the-subject-with-more-complex-formula/overview)  | [Changing the subject to suit the context |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/changing-the-subject-to-suit-the-context/overview)  |
| 05/05/25 | Monday  |  |  |
| Tuesday  | [Evaluating expressions with and without changing the subject |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/evaluating-expressions-with-and-without-changing-the-subject/overview)  | [Problem solving with expressions and formulae |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/problem-solving-with-expressions-and-formulae/overview)  |
| Wednesday  | [Checking and securing understanding of the distributive law with algebraic terms |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/checking-and-securing-understanding-of-the-distributive-law-with-algebraic-terms/overview)  | [Checking and securing solving linear equations |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/checking-and-securing-solving-linear-equations/overview)  |
| Thursday  | [The product of two binomials |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/the-product-of-two-binomials/overview)  | [Difference of two squares |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/difference-of-two-squares/overview)  |
| Friday | [More complex binomial products |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/more-complex-binomial-products/overview)  | [Additive relationships |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/expressions-and-formulae/lessons/additive-relationships/overview)  |
| 12/05/25 | Monday | Transformations | [Checking understanding of basic transformations |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/checking-understanding-of-basic-transformations/overview)  | [Introduction to translation |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/introduction-to-translation/overview)  |
| Tuesday | [Describing a translation |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/describing-a-translation/overview)  | [Translating objects |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/translating-objects/overview)  |
| Wednesday | [Introduction to rotations |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/introduction-to-rotations/overview)  | [Describing a rotation's direction and size |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/describing-a-rotations-direction-and-size/overview)  |
| Thursday | [Understanding the centre of rotation |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/understanding-the-centre-of-rotation/overview)  | [Rotating objects |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/rotating-objects/overview)  |
| Friday | [Introduction to reflections |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/introduction-to-reflections/overview)  | [Describing a reflection |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/describing-a-reflection/overview)  |
| 19/05/25 | Monday | [Reflecting objects |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/reflecting-objects/overview)  | [Introduction to enlargements |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/introduction-to-enlargements/overview)  |
| Tuesday | [Describing an enlargement |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/describing-an-enlargement/overview)  | [Enlarging objects |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/enlarging-objects/overview)  |
| Wednesday | [Transformed objects |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/transformed-objects/overview)  | [Investigating transformations with Desmos |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/investigating-transformations-with-desmos/overview)  |
| Thursday | [Investigating transformations with GeoGebra |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/investigating-transformations-with-geogebra/overview)  | [Problem solving with transformations |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/problem-solving-with-transformations/overview)  |
| Friday | [Checking understanding of basic transformations |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/checking-understanding-of-basic-transformations/overview)  | [Introduction to translation |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/transformations/lessons/introduction-to-translation/overview)  |