**Walton High School Hub Curriculum** 

**Year 9 – Maths**

**Half term 6 (June 2025 – July 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 |
| 02/06/25 | Monday | Number Properties | [Indices |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/indices-6mr66r/overview)  | [Prime Building Blocks |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/prime-building-blocks-crr6cc/overview)  |
| Tuesday | [Prime Factorisation |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/prime-factorisation-6rw64t/overview)  | [Prime Deductions |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/prime-deductions-crtpar/overview)  |
| Wednesday | [Highest common factor |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/highest-common-factor-60w3gd/overview)  | [Highest common factors and prime factors |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/highest-common-factors-and-prime-factors-c8u32c/overview)  |
| Thursday  | [Lowest common multiple |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/lowest-common-multiple-6gwp8e/overview)  | [Lowest common multiple and prime factors |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/lowest-common-multiple-and-prime-factors-6rrk8t/overview)  |
| Friday | [Multiples and Factor Pairs |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation-l/units/factors-multiple-and-primes-211b/lessons/multiples-and-factor-pairs-68t3gr/overview)  | [Identify Prime Numbers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation-l/units/factors-multiple-and-primes-211b/lessons/identify-prime-numbers-c8vp2t/overview)  |
| 09/06/25 | Monday  | [Prime Factor Decomposition |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation-l/units/factors-multiple-and-primes-211b/lessons/prime-factor-decomposition-ccupcr/overview)  | [Using Prime Factor Decomposition |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation-l/units/factors-multiple-and-primes-211b/lessons/using-prime-factor-decomposition-cnj66t/overview)  |
| Tuesday  | [Simple LCM and HCF |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation-l/units/hcf-and-lcm-872d/lessons/simple-lcm-and-hcf-68r66t/overview)  | [Finding the LCM |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation-l/units/hcf-and-lcm-872d/lessons/finding-the-lcm-74t3er/overview)  |
| Wednesday  | [Finding the HCF |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation-l/units/hcf-and-lcm-872d/lessons/finding-the-hcf-68tpcr/overview)  | [Applying LCM and HCF |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation-l/units/hcf-and-lcm-872d/lessons/applying-lcm-and-hcf-70w3ed/overview)  |
| Thursday  | [Checking understanding of factors, multiples, squares and cubes |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/checking-understanding-of-factors-multiples-squares-and-cubes/overview)  | [Securing understanding of factors, multiples, squares and cubes |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/securing-understanding-of-factors-multiples-squares-and-cubes/overview)  |
| Friday | [Square and cube numbers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/square-and-cube-numbers/overview)  | [Square and cube roots |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/square-and-cube-roots/overview)  |
| 16/06/25 | Monday | Retrieval Week | [Power notation |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/power-notation/overview)  | [Powers and roots using a calculator |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/powers-and-roots-using-a-calculator/overview)  |
| Tuesday | [Listing factors |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/listing-factors/overview)  | [Checking understanding of prime numbers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/checking-understanding-of-prime-numbers/overview)  |
| Wednesday | [Expressing an integer as a product of its prime factors |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/expressing-an-integer-as-a-product-of-its-prime-factors/overview)  | [Calculating integers from their prime factor expressions |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/calculating-integers-from-their-prime-factor-expressions/overview)  |
| Thursday | [Highest common factor |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/highest-common-factor/overview)  | [Lowest common multiple |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/properties-of-number-factors-multiples-squares-and-cubes/lessons/lowest-common-multiple/overview)  |
| Friday | [Indices |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/indices-6mr66r/overview)  | [Prime Building Blocks |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/prime-factor-decomposition-9030/lessons/prime-building-blocks-crr6cc/overview)  |
| 23/06/25 | Monday | Rounding, estimation and bounds | [Rounding to three decimal places |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/rounding-to-three-decimal-places/overview)  | [Rounding to any number of decimal places |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/rounding-to-any-number-of-decimal-places/overview)  |
| Tuesday | [Rounding integers to one significant figure |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/rounding-integers-to-one-significant-figure/overview)  | [Rounding integers to significant figures |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/rounding-integers-to-significant-figures/overview)  |
| Wednesday | [Rounding decimals to significant figures |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/rounding-decimals-to-significant-figures/overview)  | [Degrees of accuracy |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/degrees-of-accuracy/overview)  |
| Thursday | [Estimating numerical calculations |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/estimating-numerical-calculations/overview)  | [Checking by estimating |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/checking-by-estimating/overview)  |
| Friday |  |  |
| 30/06/25 | Monday  | [Truncating |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/truncating/overview)  | [Overestimating vs underestimating |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/overestimating-vs-underestimating/overview)  |
| Tuesday | [Rounding errors |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/rounding-errors/overview)  | [Round to two decimal places |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-core-l/units/rounding-and-estimating-2f3b/lessons/round-to-two-decimal-places-cdhkcr/overview)  |
| Wednesday | [Round up to three significant figures |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-core-l/units/rounding-and-estimating-2f3b/lessons/round-up-to-three-significant-figures-68w66e/overview)  | [Limits of accuracy |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-core-l/units/rounding-and-estimating-2f3b/lessons/limits-of-accuracy-c5h32c/overview)  |
| Thursday | [Estimating answers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-core-l/units/rounding-and-estimating-2f3b/lessons/estimating-answers-6mw3jt/overview)  | [Checking and securing understanding of rounding and truncating |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation/units/rounding-estimation-and-bounds/lessons/checking-and-securing-understanding-of-rounding-and-truncating/overview)  |
| Friday | [Checking and securing understanding of estimating through rounding |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation/units/rounding-estimation-and-bounds/lessons/checking-and-securing-understanding-of-estimating-through-rounding/overview)  | [Problem solving with rounding, estimation and bounds |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-10-foundation/units/rounding-estimation-and-bounds/lessons/problem-solving-with-rounding-estimation-and-bounds/overview)  |
| 07/07/25 | Monday | Probability | [Equally likely outcomes |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/equally-likely-outcomes/overview)  | [Non-equally likely outcomes |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/non-equally-likely-outcomes/overview)  |
| Tuesday | [The scale of likelihoods |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/the-scale-of-likelihoods/overview)  | [Experiments to determine how likely an outcome is |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/experiments-to-determine-how-likely-an-outcome-is/overview)  |
| Wednesday | [Using lists to display outcomes for two events |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/using-lists-to-display-outcomes-for-two-events/overview)  | [Using two-way tables to display outcomes for two events |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/using-two-way-tables-to-display-outcomes-for-two-events/overview)  |
| Thursday | [Using an outcome tree to display outcomes for two events |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/using-an-outcome-tree-to-display-outcomes-for-two-events/overview)  | [Using a Venn diagram to display outcomes for two events |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/using-a-venn-diagram-to-display-outcomes-for-two-events/overview) |
| Friday | [Comparing representations of outcomes for two events |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/comparing-representations-of-outcomes-for-two-events/overview)  | [Using lists to display outcomes for more than two events |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/using-lists-to-display-outcomes-for-more-than-two-events/overview)  |
| 14/07/25 | Monday | [Using an outcome tree to display outcomes for more than two events |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/using-an-outcome-tree-to-display-outcomes-for-more-than-two-events/overview)  | [Using a Venn diagram to display outcomes for more than two events |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/using-a-venn-diagram-to-display-outcomes-for-more-than-two-events/overview)  |
| Tuesday | [Comparing representations of outcomes for more than two events |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/comparing-representations-of-outcomes-for-more-than-two-events/overview)  | [Problem solving with possible outcomes |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-possible-outcomes/lessons/problem-solving-with-possible-outcomes/overview)  |
| Wednesday | [Calculating theoretical probabilities from lists (one event) |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-theoretical-probabilities/lessons/calculating-theoretical-probabilities-from-lists-one-event/overview)  | [Calculating theoretical probabilities from a table (one event) |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-theoretical-probabilities/lessons/calculating-theoretical-probabilities-from-a-table-one-event/overview)  |
| Thursday | [Calculating theoretical probabilities from probability tree diagrams (one event) |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-theoretical-probabilities/lessons/calculating-theoretical-probabilities-from-probability-tree-diagrams-one-event/overview)  | [Summing probabilities |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-9/units/probability-theoretical-probabilities/lessons/summing-probabilities/overview)  |
| Friday |  |  |