**Walton High School Hub Curriculum** 

**Year 7 – MATHS**

**Half term 1 (September 2025 – October 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 |
| 01/09/25 | Monday |  |  |  |
| Tuesday | Preparation for baseline assessment | [Representing Number |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/numbers-and-numerals-6c2e/lessons/representing-number-70ukct/overview)  | [Base 10 and Base 5 |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/numbers-and-numerals-6c2e/lessons/base-10-and-base-5-6gtp8c/overview)  |
| Wednesday | [Indian Number System |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/numbers-and-numerals-6c2e/lessons/indian-number-system-6cr66e/overview)  | [Mayan numbers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/numbers-and-numerals-6c2e/lessons/mayan-numbers-c4w66d/overview)  |
| Thursday  | [Equal and non-equal priority |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/order-of-operations-6616/lessons/equal-and-non-equal-priority-64r36d/overview)  | [Writing calculations |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/order-of-operations-6616/lessons/writing-calculations-6xhk0d/overview)  |
| Friday | [Order of operations and arrays |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/order-of-operations-6616/lessons/order-of-operations-and-arrays-60t64c/overview)  | [Calculations with variables |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/order-of-operations-6616/lessons/calculations-with-variables-6dj64t/overview)  |
| 08/09/25 | Monday  | [Negative numbers in context |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/negative-numbers-in-context-68t66c/overview)  | [Order and absolute value |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/order-and-absolute-value-c4ukgd/overview)  |
| Tuesday  | [Modelling Addition |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/modelling-addition-6rr6cd/overview)  | [Further Addition |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/further-addition-6rwk2t/overview)  |
| Wednesday  | [Subtracting positive numbers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/subtracting-positive-numbers-cdgp2c/overview)  | [Subtracting negative Numbers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/subtracting-negative-numbers-75gk4e/overview)  |
| Thursday  | [Multiplication as scaling |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/multiplication-as-scaling-6cvp2d/overview)  | [Negative scale factors |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/negative-scale-factors-6rukad/overview)  |
| Friday | [Further multiplication |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/further-multiplication-ccukac/overview)  | [Division |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/positive-and-negative-numbers-6c53/lessons/division-65k3gt/overview)  |
| 15/09/25 | Monday | Place Value | [Checking understanding of place value in integers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/checking-understanding-of-place-value-in-integers/overview)  | [Securing understanding of place value in integers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/securing-understanding-of-place-value-in-integers/overview)  |
| Tuesday | [Deepening understanding of place value in integers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/deepening-understanding-of-place-value-in-integers/overview)  | [Exponential and fractional column headings |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/exponential-and-fractional-column-headings/overview)  |
| Wednesday | [Place value in decimals |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/place-value-in-decimals/overview)  | [Checking understanding of place value in metric units |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/checking-understanding-of-place-value-in-metric-units/overview)  |
| Thursday | [Securing understanding of place value in metric units |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/securing-understanding-of-place-value-in-metric-units/overview)  | [Place value in imperial units |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/place-value-in-imperial-units/overview)  |
| Friday | [Place value in imperial units |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/place-value-in-imperial-units/overview)  | [Securing understanding of ordering and comparing numbers |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/securing-understanding-of-ordering-and-comparing-numbers/overview)  |
| 22/09/25 | Monday | [Problem solving with place value |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/problem-solving-with-place-value/overview)  | [Powers of 10 and their multiples |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6/units/understand-place-value-within-numbers-with-up-to-7-digits/lessons/powers-of-10-and-their-multiples/overview)  |
| Tuesday | [Composition of one million and 10 million |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6/units/understand-place-value-within-numbers-with-up-to-7-digits/lessons/composition-of-one-million-and-10-million/overview)  | [Problem solving using knowledge of the composition of powers of 10 |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6/units/understand-place-value-within-numbers-with-up-to-7-digits/lessons/problem-solving-using-knowledge-of-the-composition-of-powers-of-10/overview)  |
| Wednesday | [Read and write numbers up to 10 million |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6/units/understand-place-value-within-numbers-with-up-to-7-digits/lessons/read-and-write-numbers-up-to-10-million/overview)  | [Representing numbers up to 10 million |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6/units/understand-place-value-within-numbers-with-up-to-7-digits/lessons/representing-numbers-up-to-10-million/overview)  |
| Thursday | [Place Value to 3 Decimal Places |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/place-value-to-3-decimal-places-6crpat/overview)  | [Multiply and divide by 10, 100 and 1000 involving decimals |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/multiply-and-divide-by-10-100-and-1000-involving-decimals-64wk6r/overview)  |
| Friday | [Problem solving with place value |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7/units/place-value/lessons/problem-solving-with-place-value/overview)  | [Powers of 10 and their multiples |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6/units/understand-place-value-within-numbers-with-up-to-7-digits/lessons/powers-of-10-and-their-multiples/overview)  |
| 29/09/25 | Monday  | Negative and Positive Numbers – Addition, Subtraction, Division, Multiplication | [Understanding other powers of ten within one-million |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/understanding-other-powers-of-ten-within-one-million-6dh64r/overview)  | [Reading and writing 7-digit numbers |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/reading-and-writing-7-digit-numbers-6dk62c/overview)  |
| Tuesday | [Understanding how the digits in a number indicate its structure |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/understanding-how-the-digits-in-a-number-indicate-its-structure-71gp6e/overview)  | [Compare and order numbers to ten million |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/compare-and-order-numbers-to-ten-million-c4w6ac/overview)  |
| Wednesday | [Rounding to a required degree of accuracy |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/rounding-to-a-required-degree-of-accuracy-6wu32t/overview)  | [Estimating and rounding contexts |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/estimating-and-rounding-contexts-6gw34d/overview)  |
| Thursday | [Strategies for addition |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/strategies-for-addition-6njk4d/overview)  | [Strategies for subtraction |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/strategies-for-subtraction-6mv32d/overview)  |
| Friday | [Applying addition and subtraction |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/applying-addition-and-subtraction-74tp2d/overview) | [Addition and subtraction problems |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/integers-decimals-fc14/lessons/addition-and-subtraction-problems-c4vpac/overview)  |
| 06/10/25 | Monday | [Represent decimal numbers in a variety of ways |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/represent-decimal-numbers-in-a-variety-of-ways-cmv6ae/overview)  | [Multiply and divide by 10, 100 and 1000 involving decimals |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/multiply-and-divide-by-10-100-and-1000-involving-decimals-64wk6r/overview)  |
| Tuesday | [Multiply and divide by 10, 100 and 1000 with in context |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/multiply-and-divide-by-10-100-and-1000-with-in-context-c4t68t/overview)  | [Understand the terms 'common factor' and 'common multiple' as properties of a number |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/understand-the-terms-common-factor-and-common-multiple-as-properties-of-a-number-cdk68c/overview)  |
| Wednesday | [Identify properties of numbers |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/identify-properties-of-numbers-6wv34t/overview)  | [Multiply a decimal number by a whole number |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/multiply-a-decimal-number-by-a-whole-number-6mwpcd/overview)  |
| Thursday | [Solve multiplication problems using known and derived facts |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/solve-multiplication-problems-using-known-and-derived-facts-6ngk2t/overview)  | [Use efficient strategies to multiply numbers, including decimals |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/use-efficient-strategies-to-multiply-numbers-including-decimals-6rr3at/overview)  |
| Friday | [Practise multiplication and division skills |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/practise-multiplication-and-division-skills-64vp2e/overview)  | [Use formal written methods for short multiplication including multiplying decimals |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/use-formal-written-methods-for-short-multiplication-including-multiplying-decimals-6rvp2r/overview)  |
| 13/10/25 | Monday | [Multiply by a two-digit number using long multiplication |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/multiply-by-a-two-digit-number-using-long-multiplication-75k3cc/overview)  | [Use formal written methods, including long multiplication, to solve a range of problems |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/use-formal-written-methods-including-long-multiplication-to-solve-a-range-of-problems-61j38r/overview)  |
| Tuesday | [Use the formal written method for short division |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/use-the-formal-written-method-for-short-division-chh64c/overview)  | [Use the formal written method of long division to solve appropriate calculations |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/use-the-formal-written-method-of-long-division-to-solve-appropriate-calculations-c8wk0c/overview)  |
| Wednesday | [Solve problems involving division with remainders (Part 1) |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/solve-problems-involving-division-with-remainders-part-1-6hjp6t/overview)  | [Solve problems involving division with remainders (Part 2) |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/solve-problems-involving-division-with-remainders-part-2-74rp8d/overview)  |
| Thursday | [Represent remainders in different ways depending on the context of the problem (Part 1) |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/represent-remainders-in-different-ways-depending-on-the-context-of-the-problem-part-1-chj3et/overview)  | [Represent remainders in different ways depending on the context of the problem (Part 2) |](https://www.thenational.academy/pupils/programmes/maths-primary-year-6-l/units/multiplication-and-division-69f6/lessons/represent-remainders-in-different-ways-depending-on-the-context-of-the-problem-part-2-ccu32d/overview)  |
| Friday |  |  |  |
| 20/10/25 | Monday | Order of operations and rounding | [Equal and non-equal priority |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/order-of-operations-6616/lessons/equal-and-non-equal-priority-64r36d/overview)  | [Writing calculations |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/order-of-operations-6616/lessons/writing-calculations-6xhk0d/overview)  |
| Tuesday | [Order of operations and arrays |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/order-of-operations-6616/lessons/order-of-operations-and-arrays-60t64c/overview)  | [Calculations with variables |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-7-l/units/order-of-operations-6616/lessons/calculations-with-variables-6dj64t/overview)  |
| Wednesday | [Checking understanding of rounding |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/checking-understanding-of-rounding/overview)  | [Securing understanding of rounding |](https://www.thenational.academy/pupils/programmes/maths-secondary-year-8/units/estimation-and-rounding/lessons/securing-understanding-of-rounding/overview)  |
| Thursday | [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)  |
| Friday | [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)  |