

# Remote Curriculum

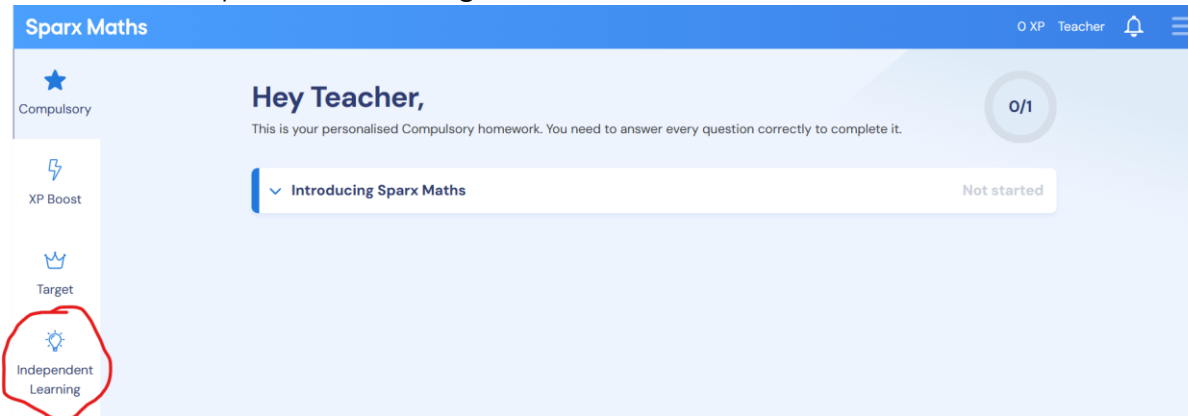
## Year 8 - Mathematics

### How it Works:

1. Find the correct week commencing row.
2. Find today's day -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.
3. Complete any starter quizzes.
  - b. Write your answer down
  - c. Mark your answers and write down any corrections
4. Watch the videos and take notes.
5. Pause if/ when instructed to do so to answer questions or respond.
6. Complete and go onto the Sparx independent task as shown below. If you have already done the Sparx task, there is a worksheet on the web link with the video that can be completed.

*Login to Sparx using your usual details.*

*Click on the Independent Learning Button in the bottom left corner as indicated below.*



*Type in the topic code given on the revision list above and change your 'Curriculum' to KS3'.*

*Students in 8MMa4 and 8MMa5 should be completing questions at Levels 1-2 and students in 8MMa1, 8MMa2 and 8MMa3 should complete questions at Level 3 and 4. (If there are no questions available at this level, please select level where there are questions). If the code begins with a 'Q', you should change your 'Curriculum' to 'Fundamentals'.*

# Independent Learning

Find topics

My activity

Search for topics:

Enter topic name or code

Your curriculum:

GCSE

Default level:

Level 4

Select a topic:

Number



Algebra

$x^2$

Week Commencing	Day	Topic	Lesson 1 Hold ctrl and click	Sparx Code Type this code into independent learning section on Sparx as shown.
09/09/24	Monday	Estimation and Rounding	<a href="#">Lesson: Checking understanding of rounding   KS3 Maths   Oak National Academy (thenational.academy)</a>	M111
	Tuesday		<a href="#">Lesson: Rounding to any number of decimal places   KS3 Maths   Oak National Academy (thenational.academy)</a>	M431
	Wednesday		<a href="#">Lesson: Rounding integers to significant figures   KS3 Maths   Oak National Academy (thenational.academy)</a>	M994
	Thursday		<a href="#">Lesson: Rounding decimals to significant figures   KS3 Maths   Oak National Academy (thenational.academy)</a>	M131
	Friday		<a href="#">Lesson: Degrees of accuracy   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
16/09/24	Monday		<a href="#">Lesson: Estimating numerical calculations   KS3 Maths   Oak National Academy (thenational.academy)</a>	M878
	Tuesday		<a href="#">Lesson: Truncating   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
	Wednesday		<a href="#">Lesson: Overestimating vs underestimating   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
	Thursday		<a href="#">Lesson: Rounding errors   KS3 Maths   Oak National Academy (thenational.academy)</a>	M730

	Friday		<a href="#">Lesson: Inequality notation to express error   KS3 Maths   Oak National Academy (thenational.academy)</a>	M730
23/09/24	Monday	Sequences	<a href="#">Lesson: Checking understanding of sequences   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
	Tuesday		<a href="#">Lesson: Generating a sequence using a term-to-term rule   KS3 Maths   Oak National Academy (thenational.academy)</a>	M381
	Wednesday		<a href="#">Lesson: Generating a sequence using a position-to-term rule   KS3 Maths   Oak National Academy (thenational.academy)</a>	M166
	Thursday		<a href="#">Lesson: Arithmetic sequences   KS3 Maths   Oak National Academy (thenational.academy)</a>	M991
	Friday		<a href="#">Lesson: Finding the nth term   KS3 Maths   Oak National Academy (thenational.academy)</a>	M991
	Monday		<a href="#">Lesson: Justifying terms of a sequence   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
30/09/24	Tuesday	<a href="#">Lesson: Calculating any term   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.	
	Wednesday	<a href="#">Lesson: Checking and securing understanding of special number sequences   Foundation   KS4 Maths   Oak National Academy (thenational.academy)</a>	M981	
	Thursday	<a href="#">Lesson: Fibonacci and alternating sequences   Foundation   KS4 Maths   Oak National Academy (thenational.academy)</a>	M981	

	Friday		<a href="#">Lesson: Problem solving with sequences   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
07/10/24	Monday	Graphical representations of linear relationships	<a href="#">Lesson: Checking and securing understanding of plotting coordinates   KS3 Maths   Oak National Academy (thenational.academy)</a>	M618
	Tuesday		<a href="#">Lesson: Checking and securing understanding of plotting coordinates generated from a rule   KS3 Maths   Oak National Academy (thenational.academy)</a>	M797
	Wednesday		<a href="#">Lesson: Checking and securing understanding of plotting coordinates with technology   KS3 Maths   Oak National Academy (thenational.academy)</a>	M932
	Thursday		<a href="#">Lesson: Features of linear relationships   KS3 Maths   Oak National Academy (thenational.academy)</a>	M888
			<a href="#">Lesson: Defining features of linear relationships   KS3 Maths   Oak National Academy (thenational.academy)</a>	
	Friday		<a href="#">Lesson: Positive rate of change from a graph   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
14/10/24	Monday	<a href="#">Lesson: Negative rate of change from a graph   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.	
	Tuesday	<a href="#">Lesson: Rate of change from a coordinate pair   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.	
	Wednesday	<a href="#">Lesson: The intercept point   KS3 Maths   Oak National Academy (thenational.academy)</a>	M888	

	Thursday		<a href="#">Lesson: The equation of a straight line   KS3 Maths   Oak National Academy (thenational.academy)</a>	M544
	Friday		<a href="#">Lesson: Finding the equation of the line <math>y = mx + c</math>   KS3 Maths   Oak National Academy (thenational.academy)</a>	M544
21/10/24	Monday		<a href="#">Lesson: Finding the equation of the line <math>y = mx + c</math>   KS3 Maths   Oak National Academy (thenational.academy)</a>	
	Tuesday	Recap: Fractions	<a href="#">Lesson: Simplifying fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M671
	Wednesday		<a href="#">Lesson: Ordering fractions by way of a common denominator   KS3 Maths   Oak National Academy (thenational.academy)</a>	M335
	Thursday		<a href="#">Lesson: Checking understanding of addition and subtraction with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M835
	Friday		<a href="#">Lesson: Securing understanding of addition and subtraction with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M835
04/11/24	Monday		<a href="#">Lesson: Checking understanding of multiplication with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M157
	Tuesday		<a href="#">Lesson: Securing understanding of multiplication with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M157

	Wednesday		<a href="#">Lesson: Deepening understanding of multiplication with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M197
	Thursday		<a href="#">Lesson: Checking and securing dividing a fraction by a whole number   KS3 Maths   Oak National Academy (thenational.academy)</a>	M110
	Friday		<a href="#">Lesson: Dividing a whole number by a fraction   KS3 Maths   Oak National Academy (thenational.academy)</a>	M110
11/11/24	Monday		<a href="#">Lesson: Dividing a fraction by a fraction   KS3 Maths   Oak National Academy (thenational.academy)</a>	M110
	Tuesday		<a href="#">Lesson: Dividing a fraction by a fraction   KS3 Maths   Oak National Academy (thenational.academy)</a>	M110
	Wednesday		<a href="#">Lesson: Problem solving with arithmetic procedures involving fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M645
	Thursday		<a href="#">Lesson: Ordering negative integers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M527
	Friday		<a href="#">Lesson: Ordering decimals   KS3 Maths   Oak National Academy (thenational.academy)</a>	M522
	18/11/24	Monday		<a href="#">Lesson: Checking understanding of expressions and equations   KS3 Maths   Oak National Academy (thenational.academy)</a>
Tuesday			<a href="#">Lesson: Securing understanding of expressions and equations   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
Wednesday			<a href="#">Lesson: Representing a generalised number   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.

	Thursday	Solving Linear Equations and Inequalities	<a href="#">Lesson: Algebraic notation   KS3 Maths   Oak National Academy (thenational.academy)</a>	M813
	Friday		<a href="#">Lesson: Algebraic terminology   KS3 Maths   Oak National Academy (thenational.academy)</a>	M813
25/11/24	Monday		<a href="#">Lesson: Simplifying by collecting like terms   KS3 Maths   Oak National Academy (thenational.academy)</a>	M531
	Tuesday		<a href="#">Lesson: Multiplying an expression by a term   KS3 Maths   Oak National Academy (thenational.academy)</a>	M237
	Wednesday		<a href="#">Lesson: Multiplying and simplifying with multiple expressions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M792
	Thursday		<a href="#">Lesson: Factorising expressions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M100
	Friday		<a href="#">Lesson: Factorising expressions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M100
	02/12/24		Monday	<a href="#">Lesson: Different types of equations   KS3 Maths   Oak National Academy (thenational.academy)</a>
Tuesday			<a href="#">Lesson: Solution to an equation   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
Wednesday			<a href="#">Lesson: Solving simple linear equations with an additive step   KS3 Maths   Oak National Academy (thenational.academy)</a>  <a href="#">Lesson: Solving simple linear equations with a multiplicative step   KS3 Maths   Oak National Academy (thenational.academy)</a>	M707

	Thursday
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09/12/24	Monday
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16/12/24	Monday
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	Thursday

<a href="#">Lesson: Solving two step linear equations   KS3 Maths   Oak National Academy (thenational.academy)</a>	M634
<a href="#">Lesson: Brackets in equations   KS3 Maths   Oak National Academy (thenational.academy)</a>	M902
<a href="#">Lesson: Rearranging to solve linear equations   KS3 Maths   Oak National Academy (thenational.academy)</a>	M554
<a href="#">Lesson: Perimeter expressions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M957
<a href="#">Lesson: Problem solving with linear equations   KS3 Maths   Oak National Academy (thenational.academy)</a>	M957
<a href="#">Lesson: Representing inequalities   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
<a href="#">Lesson: Inequalities and substitution (Part 2)   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
<a href="#">Lesson: Solving inequalities   KS3 Maths   Oak National Academy (thenational.academy)</a>	M118
<a href="#">Lesson: Forming and solving inequalities (Part 1)   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
<a href="#">Lesson: Forming and solving inequalities (Part 2)   KS3 Maths   Oak National Academy (thenational.academy)</a>	Complete the worksheet from the link on the left.
<a href="#">Lesson: Representing Inequalities on a Number Line   Foundation   KS4 Maths   Oak National Academy (thenational.academy)</a>	M384

Friday

[Lesson: Perimeter inequalities | KS3  
Maths | Oak National Academy  
\(\[thenational.academy\]\(https://www.thenational.academy\)\)](#)

Complete the worksheet from the link  
on the left.