

# Remote Curriculum

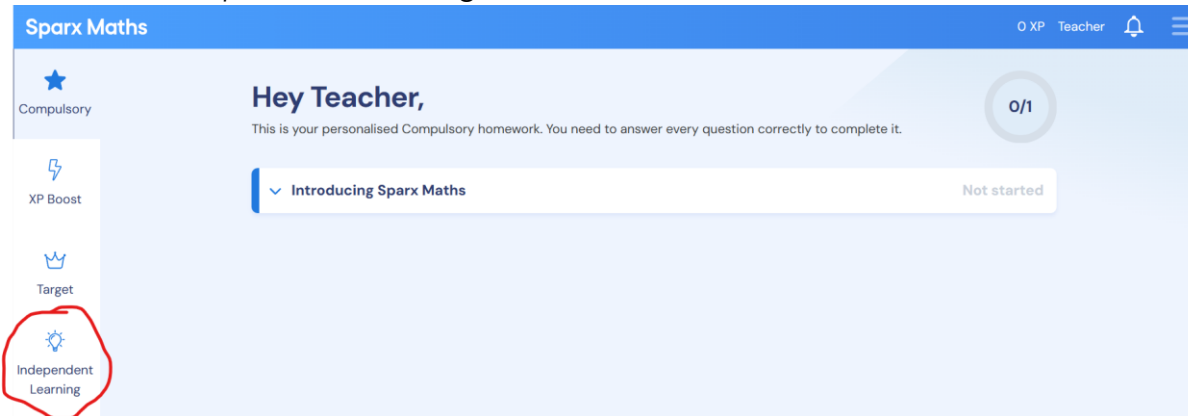
## Year 7 - Mathematics

### 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 7MMa4 and 7MMa5 should be completing questions at Levels 1-2 and students in 7MMa1, 7MMa2 and 7MMa3 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	Place Value and Rounding	<a href="#">Lesson: Checking understanding of place value in integers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M763
	Tuesday		<a href="#">Lesson: Securing understanding of place value in integers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M704
	Wednesday		<a href="#">Lesson: Deepening understanding of place value in integers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M704
	Thursday		<a href="#">Lesson: Exponential and fractional column headings   KS3 Maths   Oak National Academy (thenational.academy)</a>	M522
	Friday		<a href="#">Lesson: Place value in decimals   KS3 Maths   Oak National Academy (thenational.academy)</a>	M522
16/09/24	Monday		<a href="#">Lesson: Checking understanding of place value in metric units   KS3 Maths   Oak National Academy (thenational.academy)</a>	M443
	Tuesday		<a href="#">Lesson: Securing understanding of place value in metric units   KS3 Maths   Oak National Academy (thenational.academy)</a>	M772
	Wednesday		<a href="#">Lesson: Place value in imperial units   KS3 Maths   Oak National Academy (thenational.academy)</a>	M530

	Thursday		<a href="#">Lesson: Checking understanding of ordering and comparing numbers   KS3 Maths   Oak National Academy (thenational.academy)</a>	Q976
	Friday		<a href="#">Lesson: Securing understanding of ordering and comparing numbers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M763
23/09/24	Monday		<a href="#">Lesson: Problem solving with place value   KS3 Maths   Oak National Academy (thenational.academy)</a>	M522
	Tuesday		<a href="#">Lesson: Checking understanding of rounding   KS3 Maths   Oak National Academy (thenational.academy)</a>	M111
	Wednesday		<a href="#">Lesson: Securing understanding of rounding   KS3 Maths   Oak National Academy (thenational.academy)</a>	M111
	Thursday		<a href="#">Lesson: Rounding to any number of decimal places   KS3 Maths   Oak National Academy (thenational.academy)</a>	M431
	Friday		<a href="#">Lesson: Rounding integers to one significant figure   KS3 Maths   Oak National Academy (thenational.academy)</a>	M994
	30/09/24	Monday		<a href="#">Lesson: Checking understanding of factors, multiples, squares and cubes   KS3 Maths   Oak National Academy (thenational.academy)</a>
Tuesday			<a href="#">Lesson: Securing understanding of factors, multiples, squares and cubes   KS3 Maths   Oak National Academy (thenational.academy)</a>	M823
Wednesday			<a href="#">Lesson: Listing multiples   KS3 Maths   Oak National Academy (thenational.academy)</a>	M823

Types of number

	Thursday	<a href="#">Lesson: Divisibility tests for 2 and 3   KS3 Maths   Oak National Academy (thenational.academy)</a> <a href="#">Lesson: Divisibility tests for 6 and 9   KS3 Maths   Oak National Academy (thenational.academy)</a> <a href="#">Lesson: Divisibility tests for 4 and 8   KS3 Maths   Oak National Academy (thenational.academy)</a>	M823
	Friday	<a href="#">Lesson: Square and cube numbers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M135
07/10/24	Monday	<a href="#">Lesson: Square and cube roots   KS3 Maths   Oak National Academy (thenational.academy)</a>	M135
	Tuesday	<a href="#">Lesson: Power notation   KS3 Maths   Oak National Academy (thenational.academy)</a>	M135
	Wednesday	<a href="#">Lesson: Powers and roots using a calculator   KS3 Maths   Oak National Academy (thenational.academy)</a>	M135
	Thursday	<a href="#">Lesson: Listing factors   KS3 Maths   Oak National Academy (thenational.academy)</a>	M823
	Friday	<a href="#">Lesson: Checking understanding of prime numbers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M322
14/10/24	Monday	<a href="#">Lesson: Expressing an integer as a product of its prime factors   KS3 Maths   Oak National Academy (thenational.academy)</a>	M108
	Tuesday	<a href="#">Lesson: Calculating integers from their prime factor expressions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M108

	Wednesday		<a href="#">Lesson: Highest common factor   KS3 Maths   Oak National Academy (thenational.academy)</a>	M365
	Thursday		<a href="#">Lesson: Lowest common multiple   KS3 Maths   Oak National Academy (thenational.academy)</a>	M365
	Friday		<a href="#">Lesson: Problem solving with factors, multiples, squares and cubes   KS3 Maths   Oak National Academy (thenational.academy)</a>	M365
21/10/24	Monday	The four operations and directed number	<a href="#">Lesson: Checking understanding of arithmetic procedures with integers and decimals   KS3 Maths   Oak National Academy (thenational.academy)</a>	M429
	Tuesday		<a href="#">Lesson: Securing understanding of arithmetic procedures with integers and decimals   KS3 Maths   Oak National Academy (thenational.academy)</a>	M152
	Wednesday		<a href="#">Lesson: Checking and securing understanding of negative numbers in context   KS3 Maths   Oak National Academy (thenational.academy)</a>	Q566/Q652
	Thursday		<a href="#">Lesson: Addition of positive and negative integers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M106
	Friday		<a href="#">Lesson: Subtraction of positive and negative integers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M106
04/11/24	Monday		<a href="#">Lesson: Checking and securing understanding of written addition and subtraction strategies   KS3 Maths   Oak National Academy (thenational.academy)</a>	M106
	Tuesday		<a href="#">Lesson: Checking and securing understanding of multiplication and</a>	Q390/Q643

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11/11/24	Monday
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18/11/24	Monday

<a href="#">division   KS3 Maths   Oak National Academy (thenational.academy)</a>	
<a href="#">Lesson: Multiplication and division where only one value is negative   KS3 Maths   Oak National Academy (thenational.academy)</a>	M288
<a href="#">Lesson: Multiplication and division where two or more values are negative   KS3 Maths   Oak National Academy (thenational.academy)</a>	M288
<a href="#">Lesson: Simplifying multiplication and division using multiples of 10   KS3 Maths   Oak National Academy (thenational.academy)</a>	M113
<a href="#">Lesson: Multiplying with decimals   KS3 Maths   Oak National Academy (thenational.academy)</a>	M803
<a href="#">Lesson: Dividing with decimals   KS3 Maths   Oak National Academy (thenational.academy)</a>	M873/M262/M491
<a href="#">Lesson: Checking and securing understanding of the commutative and associative laws   KS3 Maths   Oak National Academy (thenational.academy)</a>	M952/M409
<a href="#">Lesson: Checking and securing understanding of the distributive law   KS3 Maths   Oak National Academy (thenational.academy)</a>	M637
<a href="#">Lesson: Priority of operations with positive integers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M521
<a href="#">Lesson: Priority of operations with positive and negative integers and decimals   KS3 Maths   Oak National Academy (thenational.academy)</a>	M521

	Tuesday		<a href="#">Lesson: Using the associative, commutative and distributive laws together   KS3 Maths   Oak National Academy (thenational.academy)</a>	M521
	Wednesday		<a href="#">Lesson: Using your calculator efficiently   KS3 Maths   Oak National Academy (thenational.academy)</a>	M757
	Thursday		<a href="#">Lesson: Problem solving with integers and decimals   KS3 Maths   Oak National Academy (thenational.academy)</a>	M757
	Friday		<a href="#">Lesson: Checking and securing understanding of fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M939
25/11/24	Monday	Fractions	<a href="#">Lesson: The identity property of multiplication and division   KS3 Maths   Oak National Academy (thenational.academy)</a>	M158
	Tuesday		<a href="#">Lesson: Checking and securing converting improper fractions to mixed numbers   KS3 Maths   Oak National Academy (thenational.academy)</a>	M601
	Wednesday		<a href="#">Lesson: Checking and securing converting mixed numbers to improper fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M601
	Thursday		<a href="#">Lesson: Converting fractions to terminating decimals   KS3 Maths   Oak National Academy (thenational.academy)</a>	M958
	Friday		<a href="#">Lesson: Converting terminating decimals to fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M958
02/12/24	Monday		<a href="#">Lesson: Converting fractions to recurring decimals   KS3 Maths   Oak</a>	M264



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09/12/24	Tuesday
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<a href="https://www.thenational.academy">National Academy (thenational.academy)</a>	
<a href="https://www.thenational.academy">Lesson: Simplifying fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M671
<a href="https://www.thenational.academy">Lesson: Ordering fractions by way of a common denominator   KS3 Maths   Oak National Academy (thenational.academy)</a>	M335
<a href="https://www.thenational.academy">Lesson: Checking understanding of addition and subtraction with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M835
<a href="https://www.thenational.academy">Lesson: Securing understanding of addition and subtraction with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M835
<a href="https://www.thenational.academy">Lesson: Checking understanding of multiplication with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M157
<a href="https://www.thenational.academy">Lesson: Securing understanding of multiplication with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M157
<a href="https://www.thenational.academy">Lesson: Deepening understanding of multiplication with fractions   KS3 Maths   Oak National Academy (thenational.academy)</a>	M197
<a href="https://www.thenational.academy">Lesson: Checking and securing dividing a fraction by a whole number   KS3 Maths   Oak National Academy (thenational.academy)</a>	M110
<a href="https://www.thenational.academy">Lesson: Dividing a whole number by a fraction   KS3 Maths   Oak National Academy (thenational.academy)</a>	M110

16/12/24	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