

# Remote Curriculum

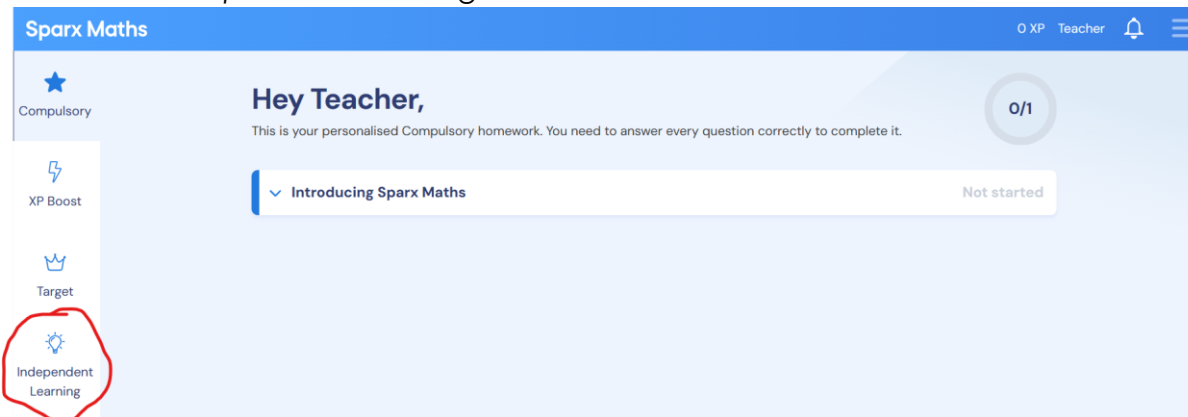
## Year 7 - Mathematics

### How it Works:

1. Find the correct week commencing row.
2. Find today's day - There is one video lesson for you to complete and then a Sparx independent learning activity.
3. Choose a lesson – 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.
- Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz
5. Complete any starter quizzes.
  - b. Write your answer down
  - c. Mark your answers and write down any corrections
6. Watch the videos and take notes.
7. Pause if/ when instructed to do so to answer questions or respond.
8. Complete and go onto the Sparx independent task as shown below.

*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).*

# 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.
15/04/24	Monday	Coordinates and the cartesian plane	<a href="#">The 2-D coordinate axis   Oak National Academy (thenational.academy)</a>	M618
	Tuesday		<a href="#">Line segments   Oak National Academy (thenational.academy)</a>	M230
	Wednesday		<a href="#">Finding midpoints   Oak National Academy (thenational.academy)</a>	M622
	Thursday		<a href="#">Solving geometric problems   Oak National Academy (thenational.academy)</a>	M230
	Friday		<a href="#">Forming shapes from midpoints   Oak National Academy (thenational.academy)</a>	M311
22/04/24	Monday		<a href="#">Forming shapes from diagonals   Oak National Academy (thenational.academy)</a>	M230
	Tuesday		<a href="#">Equations of lines   Oak National Academy (thenational.academy)</a>	M797
	Wednesday		<a href="#">Exploring horizontal and vertical lines   Oak National Academy (thenational.academy)</a>	M797
	Thursday		<a href="#">Naming straight line graphs   Oak National Academy (thenational.academy)</a>	M932
	Friday		<a href="#">Draw and recognise graphs of the form <math>y = kx</math>   Oak National Academy (thenational.academy)</a>	M797

29/04/24	Monday	Perimeter and Area	<a href="#">Draw graphs of the form <math>y=mx+c</math> by using a table of values   Oak National Academy (thenational.academy)</a>	M932
	Tuesday		<a href="#">Describing perimeters   Oak National Academy (thenational.academy)</a>	M290
	Wednesday		<a href="#">Perimeter of polygons and compound shapes   Oak National Academy (thenational.academy)</a>	M635
	Thursday		<a href="#">Describing areas   Oak National Academy (thenational.academy)</a>	M900
	Friday		<a href="#">Exploring rectangles   Oak National Academy (thenational.academy)</a>	M390
06/05/24	Monday		<a href="#">Rectilinear shapes   Oak National Academy (thenational.academy)</a>	M269
	Tuesday		<a href="#">Area of parallelograms   Oak National Academy (thenational.academy)</a>	M291
	Wednesday		<a href="#">Area of triangles   Oak National Academy (thenational.academy)</a>	M610
	Thursday		<a href="#">Further triangles   Oak National Academy (thenational.academy)</a>	M996
	Friday		<a href="#">Area of a trapezium   Oak National Academy (thenational.academy)</a>	M705
13/05/24	Monday	Ratio and fractions	<a href="#">Groups   Oak National Academy (thenational.academy)</a>	M885
	Tuesday		<a href="#">In the same ratio   Oak National Academy (thenational.academy)</a>	M885
	Wednesday		<a href="#">Equivalent ratios   Oak National Academy (thenational.academy)</a>	M885

	Thursday	<a href="#">The rule of four   Oak National Academy (thenational.academy)</a>	M885
	Friday	<a href="#">Ratio and proportion in geometry I   Oak National Academy (thenational.academy)</a>	M525
20/05/24	Monday	<a href="#">Ratio and proportion in geometry II   Oak National Academy (thenational.academy)</a>	M525
	Tuesday	<a href="#">Dividing into a ratio I   Oak National Academy (thenational.academy)</a>	M525
	Wednesday	<a href="#">Dividing into a ratio II   Oak National Academy (thenational.academy)</a>	M525
	Thursday	<a href="#">Find a part given a part   Oak National Academy (thenational.academy)</a>	M525
	Friday	<a href="#">Find the total or difference given a part   Oak National Academy (thenational.academy)</a>	M525
03/06/24	Monday	<a href="#">Simplifying ratios   Oak National Academy (thenational.academy)</a>	M885
	Tuesday	<a href="#">Expressing as 1:n Video – Corbettmaths</a>	M543
	Wednesday	<a href="#">Ratio to Fractions and Percentages Video – Corbettmaths</a>	M267
	Thursday	<a href="#">Fractions of Amounts Video – Corbettmaths</a>	M158
	Friday	<a href="#">Conversion rates   Oak National Academy (thenational.academy)</a>	M888
10/06/24	Monday	<a href="#">Exchange rates with graphs   Oak National Academy (thenational.academy)</a>	M888

	Tuesday	Algebraic Manipulation	<a href="#">Algebraic expressions   Oak National Academy (thenational.academy)</a>	M813
	Wednesday		<a href="#">Collecting like terms   Oak National Academy (thenational.academy)</a>	M531
	Thursday		<a href="#">Distributivity and expanding   Oak National Academy (thenational.academy)</a>	M237
	Friday		<a href="#">Expand a Term over a Single Bracket including Powers   Oak National Academy (thenational.academy)</a>	M236
	Monday		<a href="#">Factorising expressions   Oak National Academy (thenational.academy)</a>	M100
17/06/24	Tuesday	<a href="#">Forming and exploring equations   Oak National Academy (thenational.academy)</a>	M957	
	Wednesday	<a href="#">Exploring equality   Oak National Academy (thenational.academy)</a>	M957	
	Thursday	<a href="#">Perimeter expressions   Oak National Academy (thenational.academy)</a>	M927	
	Friday	<a href="#">Equations and identities   Oak National Academy (thenational.academy)</a>	M830	
		Monday	<a href="#">Solving one-step equations   Oak National Academy (thenational.academy)</a>	M707
24/06/24	Tuesday	<a href="#">Solving two-step equations   Oak National Academy (thenational.academy)</a>	M634	

	Wednesday		<a href="#">Solving equations with brackets   Oak National Academy (thenational.academy)</a>	M902
	Thursday		<a href="#">Substitute a positive term into a formula   Oak National Academy (thenational.academy)</a>	M417
	Friday		<a href="#">Substitute a negative term into a formula   Oak National Academy (thenational.academy)</a>	M327
01/07/24	Monday	Transformations	<a href="#">Similar triangles   Oak National Academy (thenational.academy)</a>	M377
	Tuesday		<a href="#">Translation   Oak National Academy (thenational.academy)</a>	M139
	Wednesday		<a href="#">Rotation   Oak National Academy (thenational.academy)</a>	M910
	Thursday		<a href="#">Reflection   Oak National Academy (thenational.academy)</a>	M290
	Friday		<a href="#">Mixed Transformations   Oak National Academy (thenational.academy)</a>	M881
15/07/24	Monday		<a href="#">Combining Reflections   Oak National Academy (thenational.academy)</a>	M881
	Tuesday		<a href="#">Combining Translations and Reflections   Oak National Academy (thenational.academy)</a>	M881
	Wednesday		<a href="#">Enlargement by an integer scale factor   Oak National Academy (thenational.academy)</a>	M178
	Thursday		<a href="#">Enlargements   Oak National Academy (thenational.academy)</a>	M178

Friday

[Enlargements and Area | Oak  
National Academy  
\(thenational.academy\)](#)

M178