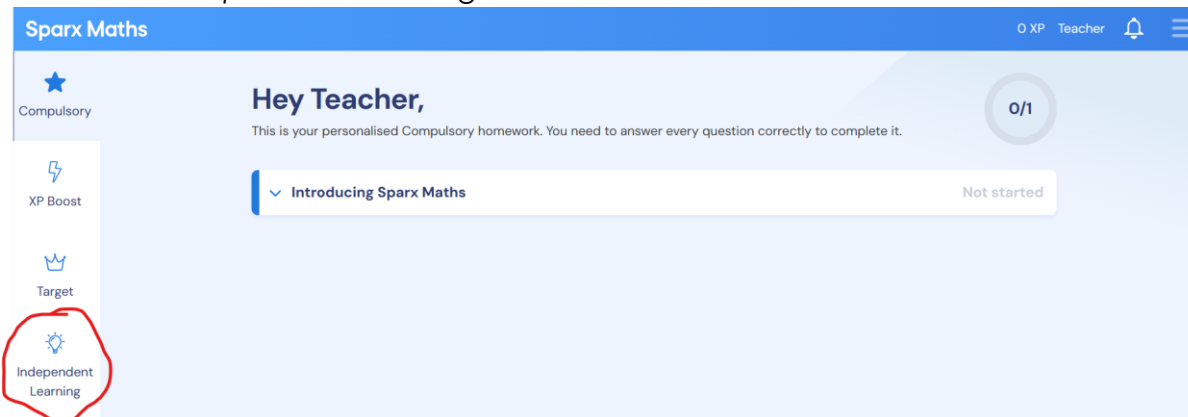# Remote Curriculum

Year 8 - 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 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).

Independent Learning

Search for topics:

Enter topic name or code

Your curriculum:

GCSE

Default level:

Level 4

Select a topic:

Number	Algebra

Week Commencing	Week	Day	Title	Lesson 1	Lesson 2
1/1/2024	A	Monday			
		Tuesday			
		Wednesday		Percentages on a number line	M533
		Thursday		Converting to decimals	M264
		Friday		Converting from fractions to percentages	M264
8/1/2024	B	Monday	Percentages	Percentages of an amount	M437
		Tuesday		Percentages of an amount part 2	M905
		Wednesday		Decimal Multipliers	M905
		Thursday		Percentage increase	M476 / M533
		Friday		Equivalent fractions	M410
15/1/2024	A	Monday	Fractions	Comparing fractions (Part 1)	M335
		Tuesday		Ordering decimal fractions	M335
		Wednesday		Adding and subtracting fractions lesson 1	M835
		Thursday		Adding and subtracting fractions lesson 2	M931
		Friday		Adding and subtracting fractions lesson 3	M931
	B	Monday		Converting between improper and mixed fractions	M601

Date		Day	Topic	Lesson	Code
		Tuesday		Fractions decimals and percentages lesson 1	M264
		Wednesday		Fractions decimals and percentages lesson 2	M553
		Thursday		Multiplying unit fractions with integers	M157
		Friday		Multiplying non-unit fractions with integers	M197
29/1/2024	A	Monday		Dividing a fraction by an integer	M110
		Tuesday		Modelling fractions by division (Part 1)	M265
		Wednesday		Dividing Fractions in Mixed Contexts	M645
		Thursday		Fraction of an amount	M695
		Friday		Find the whole when given a fraction of an amount	M684
5/2/2024	B	Monday	Scale Drawings, Constructions and Loci	Use a map scale to work out a length and vice versa	M112
		Tuesday		Bearings and compass points	M260
		Wednesday		Construct triangles	M565
		Thursday		Construct a perpendicular bisector Construct an angle bisector	M239/ M232
		Friday		Loci around a point Loci from a line	M253
February Half Term Holiday					
		Monday			
19/2/2024	A	Tuesday		Describing and comparing angles	M502
		Wednesday		Measuring and drawing angles	M780 / M331
		Thursday		Partitioning angles	M818
		Friday		Finding unknown angles	M679
26/2/2024	B	Monday	Angles	Exploring intersections	M163
		Tuesday		Transversal angles	M606
		Wednesday		Alternate angles	M606
		Thursday		Corresponding and allied angles	M606
		Friday		Interior angles in a triangle	M351
4/3/2024	A	Monday		Categorising and defining polygons	M653

Date		Day	Topic	Subtopic	Code
		Tuesday		Polygons and triangles	M653
		Wednesday		Exterior angles	M653
		Thursday		Plotting coordinates	M618
		Friday		Plotting coordinates in all 4 quadrants	M618
11/3/2024	B	Monday		Midpoints	M622
		Tuesday		Horizontal and vertical lines	M797
		Wednesday		Draw and recognise graphs of the form y = kx	M797
		Thursday		Plotting straight line graphs with a table of values	M932
		Friday		Gradient 1 Gradient 2	M544
18/3/2024	A	Monday	Linear Graphs	Comparing gradients	M544
		Tuesday		Calculating the gradient	M544
		Wednesday		Finding the gradient between two points	M544
		Thursday		Graphs written in the form y=mx+c	M544
		Friday		Recognising graphs written in the form y=mx+c	M888
25/3/2024	B	Monday		Naming straight line graphs	M888
		Tuesday		Equations of lines	M888
		Wednesday		Finding the gradient and y-intercept from a drawn graph	M544
		Thursday		Equivalent lines	M544
		Friday	███████████████████████████████		