

# Remote Curriculum

## Year 9 – Mathematics: Sets 4 and 5.

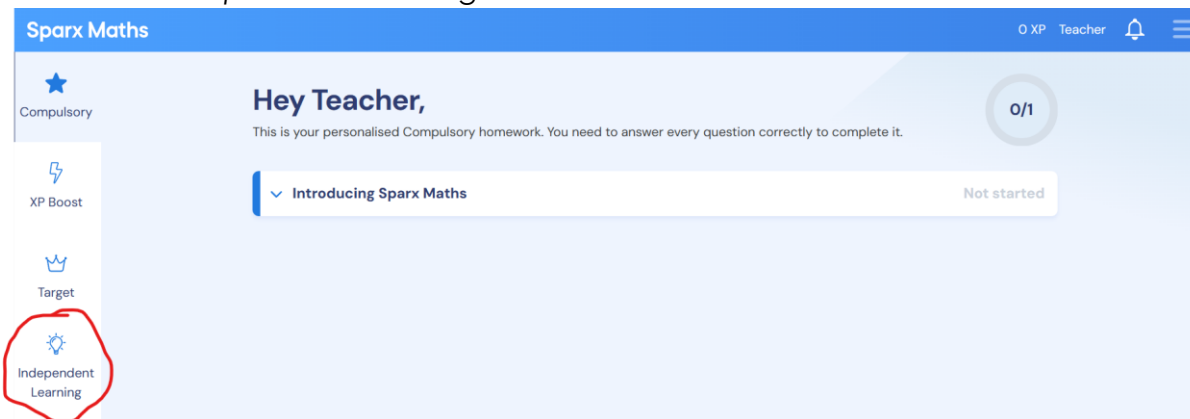
### How it Works:

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 GCSE. Foundation GCSE students should be completing questions at levels 1-3. (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	Week	Day	Title	Lesson 1 Hold ctrl and click	Sparx Code Type this code into independent learning section on Sparx as shown.
1/1/2024	A	Monday	Fractions, Decimals and Percentages		
		Tuesday			
		Wednesday		<a href="#">Equivalent fractions</a>	U704
		Thursday		<a href="#">Comparing fractions 1</a> <a href="#">Comparing fractions 2</a>	U704
		Friday		<a href="#">Fraction of an amount</a>	U881 / U916
8/1/2024	B	Monday	Fractions, Decimals and Percentages	<a href="#">Converting Mixed Numbers and Improper Fractions</a>	M601
		Tuesday		<a href="#">Multiplying fractions 1</a>	U475
		Wednesday		<a href="#">Multiplying fractions 2</a>	U224
		Thursday		<a href="#">Dividing fractions 1</a>	M216
		Friday		<a href="#">Dividing fractions 2</a>	U544 / U538
15/1/2024	A	Monday	Fractions, Decimals and Percentages	<a href="#">Adding and subtracting Fractions 1</a>	U736
		Tuesday		<a href="#">Adding and subtraction fractions 2</a>	U793
		Wednesday		<a href="#">Convert fractions to decimals and percentages without a calculator</a> <a href="#">Convert fractions to decimals and percentages with a calculator</a>	U888
		Thursday		<a href="#">Write a fraction as a recurring decimal using division</a>	U550
		Friday		<a href="#">Express one number as a fraction or percentage of another without a calculator</a>	U925
22/1/2024	B	Monday	Percentages	<a href="#">Converting to decimals</a> <a href="#">Converting from fractions to percentages</a>	U925
		Tuesday		<a href="#">Percentages of amount</a>	U554
		Wednesday	Percentages	<a href="#">Percentages of amount (Part 2)</a>	U349
		Thursday		<a href="#">Decimal Multipliers</a>	U349
		Friday		<a href="#">Increase by a percentage</a>	U773

				<a href="#">Decrease by a percentage</a>	U773
29/1/2024	A	Monday	Ratio	<a href="#">Simple Interest</a>	U533
		Tuesday		<a href="#">Simplifying ratios</a>	U687
		Wednesday		<a href="#">Divide a quantity in a given ratio</a>	U577 / U595
		Thursday		<a href="#">Find a part given a part</a>	U753
		Friday		<a href="#">Find the total or difference given a part</a>	U753
5/2/2024	B	Monday	Averages and Range	<a href="#">Ratio and fractions</a>	U176
		Tuesday		<a href="#">Finding the mean</a>	U291
		Wednesday		<a href="#">Problem solving with the Mean</a>	U291
		Thursday		<a href="#">Median, Mode and Range</a>	U456 / U260 / U526
		Friday		<a href="#">Comparing data</a>	U717
February Half Term Holiday					
19/2/2024	A	Monday	Averages and Range		
		Tuesday		<a href="#">Averages from bar charts</a>	U854
		Wednesday		<a href="#">Interpreting frequency tables</a>	U569
		Thursday		<a href="#">Mean from frequency tables</a>	U569
		Friday		<a href="#">Median from frequency tables</a>	U569
26/2/2024	B	Monday	Averages and Range	<a href="#">Mean from a grouped frequency table</a>	U312
		Tuesday		<a href="#">Stem and leaf diagrams</a>	U200/ U909
		Wednesday		<a href="#">Design and interpret two-way tables</a>	U981
		Thursday		<a href="#">Describing and comparing angles</a>	M502 / M541
		Friday		<a href="#">Measuring and drawing angles</a>	M780 / M331
4/3/2024	A	Monday	Angles and Parallel Lines	<a href="#">Find missing angles around a point and on a straight line</a>	U390
		Tuesday		<a href="#">Vertically opposite angles</a>	U730
		Wednesday		<a href="#">Find missing angles in a triangle</a>	U628
		Thursday		<a href="#">Find missing angles in a quadrilateral</a>	U732
		Friday		<a href="#">Find missing angles in a special quadrilateral</a>	U329

11/3/2024	B	Monday	Angles in polygons	<a href="#">Transversal angles</a>	U826
		Tuesday		<a href="#">Alternate angles</a>	U826 / U655
		Wednesday		<a href="#">Corresponding and allied angles</a>	U826 / U655
		Thursday		<a href="#">Angles in parallel lines with two transversals</a>	U655
		Friday		<a href="#">Interior angles in a triangle</a>	U628
18/3/2024	A	Monday		<a href="#">Building shapes from triangles (Part 1)</a>	U427
		Tuesday		<a href="#">Polygons and triangles</a>	U427
		Wednesday		<a href="#">Generalising angles in polygons (Part 1)</a>	U427
		Thursday		<a href="#">Finding missing angles in polygons</a>	U427
		Friday		<a href="#">Exterior angles</a>	U427
25/3/2024	B	Monday		<a href="#">Regular interior and exterior angles (and mean of irregular)</a>	U427
		Tuesday		<a href="#">Find the number of sides when given the sum of interior angles</a>	U427
		Wednesday		<a href="#">Find missing angles when two or more polygons are joined</a>	U427
		Thursday		<a href="#">Angle notation and problem solving</a>	U427
		Friday			