

Year 10 Maths PPE Foundation Revision Guide

How to access independent learning?

The screenshot shows the Sparx Maths interface. On the left, there is a vertical menu with icons for 'Compulsory', 'XP Boost', 'Target', and 'Independent Learning'. The 'Independent Learning' option is highlighted with a black box. The main area displays a 'Hey!' notification for a personalised compulsory homework assignment titled 'Introducing Sparx Maths' with a 'Not started' status and a progress indicator of '0/1'.

Search For Topics

This is where you enter your topic code.

Your Curriculum

- If the topic code starts with M select KS3
- If the topic code starts with U select GCSE

Independent Learning

The screenshot shows the 'Independent Learning' search interface. It features two tabs: 'Find topics' (selected) and 'My activity'. Below the tabs are three input fields: 'Search for topics:' (with a placeholder 'Enter topic name or code'), 'Your curriculum:' (a dropdown menu currently set to 'Key Stage 3'), and 'Default level:' (a dropdown menu currently set to 'Level 2'). Below these fields, there is a 'Select a topic:' section with six blue buttons: 'Number' (with a calculator icon), 'Algebra' (with an x^2 icon), 'Ratio and Proportion' (with a '3:2' icon), 'Geometry' (with a right-angled triangle icon), 'Probability' (with a die icon), and 'Statistics' (with a bar chart icon).

Difficulty Level

This should be set automatically but if no questions are available at your level you may need to change this to a higher or lower setting.

Topic	Sparx Code
Metric units of measure	U497
Multiple of a number	U751
Converting fractions to decimals	U888
Comparing negative numbers	U947
Using a calculator	U926
Rounding to 1 decimal place	U298
Pictograms	U506
Finding the median	U456
Completing bank statements	U256
Fractions of amounts	U881
Solving 2-step equations	U325
Scatter diagrams	U277, U199
Range	U526
Percentages, calculating profit	U554
Angles around a point	U390
Metric and imperial conversions	U388
Linear sequences and term-to-term rule	U213
Write fractions as ratios	U176
Convert percentages to fractions	U888
Income and rates of pay	U256
Understanding ratios	U687
Single event probability	U408
Single event probability	U510
Direct proportion, volume of a cuboid, volume conversions	U721
Pythagoras' theorem	U385
Interpreting pie charts	U508
Quadratic graphs	U989
Comparing numbers in standard form	U330
Changing the subject of a formula	U556