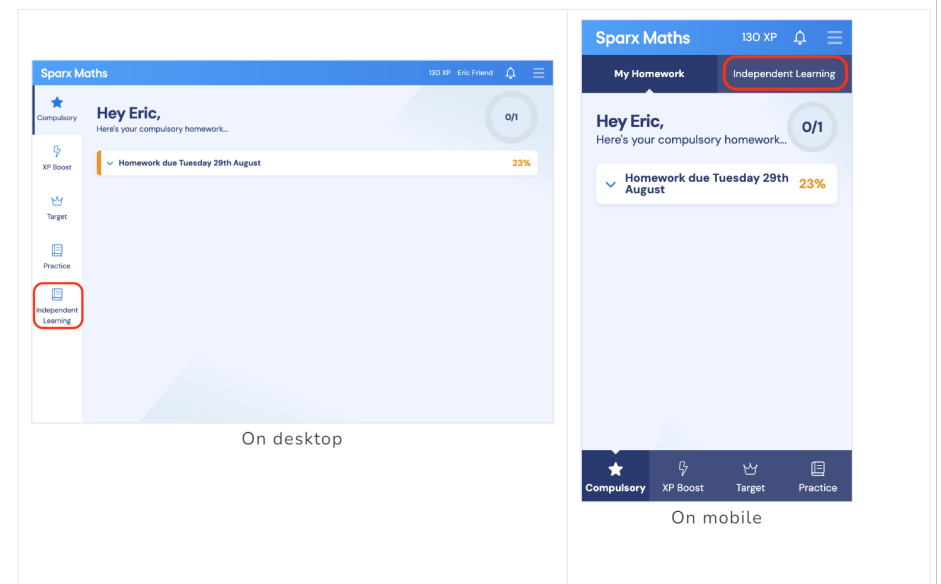# REVISING INDEPENDENTLY WITH SPARX

STEP ONE: Finding independent learning

When you log in you will see the independent learning feature in the top right hand corner (circled in red below).

You can choose to work on any topic by:

- Typing one of the following in the Search for topics field:
  - The name of a topic
  - A keyword
  - A code given to you in the list below.
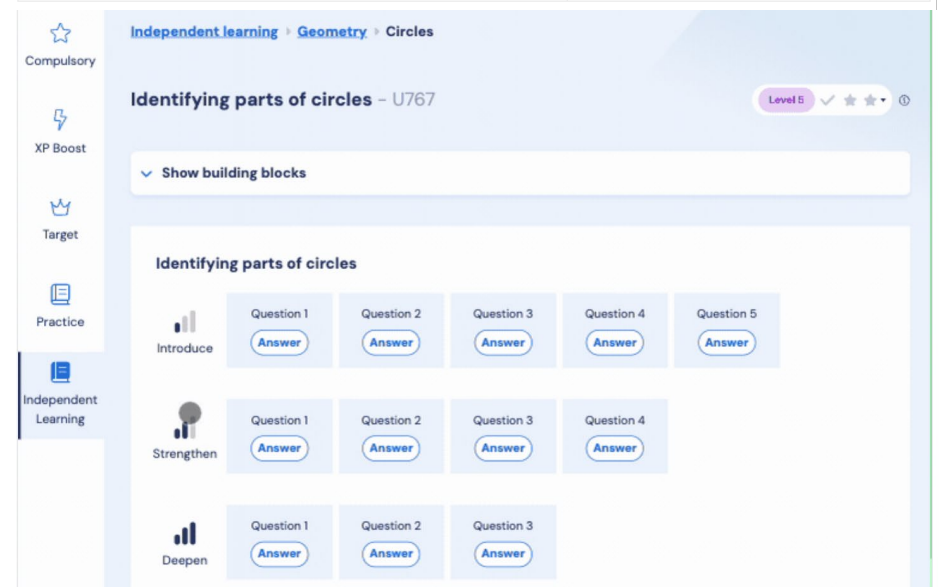- Browsing the content by clicking on one of the main Strands:

On desktop

On mobile

STEP TWO: Choosing the right work

The difficultly level will be in line with that of your normal homework.

You can choose to complete questions that **introduce** the topic if you don't remember much about it, **strengthen** the topic if you need a recap or **deepen** the topic if you are looking to increase your knowledge.

An example of this is shown on the right with the topic of circles.

You will see the difficulty level is set to 5 (in the top right corner) but you can change this if you are finding questions too hard or too difficult.

YEAR 7

MATHEMATICS REVISION LIST

MID-YEAR NON-CALCULATOR ASSESSMENT

Unit	Topic	Sparx topics – highlight as you complete these clips using the independent learning function
7.01	Numerical Skills	M763, M704, M522, M527, M135, M111, M431, M878
7.02	Order of operations	M521
7.03	Introduction to algebra	M106, M830, M813, M795, M531, M417, M327, M208, M979
7.04	Primes, Factors and Multiples	M227, M823, M698, M322, M829
7.05	Expanding and factorising	M288, M237, M792, M100
7.06	Addition and Subtraction	M928, M429, M347, M152, M899
7.07	Perimeter	M920, M635, M690

YEAR 8

MATHEMATICS REVISION LIST

MID-YEAR NON-CALCULATOR ASSESSMENT

Unit	Topic	Sparx topics – highlight as you complete these clips using the independent learning function
8.01	Powers and Roots	M135, M608
8.02	Prime Factorisation	M322, M823, M108, M365, M227, M698
8.03	Rounding	M111, M431, M994, M131, M878
8.04	Fractions	M939, M410, M671, M601, M835, M931, M157, M197, M110, M265
8.05	Solving equations 1	M707, M509, M387, M554, M813, M795, M531, M957
8.06	Coordinates and basic graphs	M618, M622, M797
8.07	Units of measure	M772, M530, M761, M774 (units) M892, M627

YEAR 9

MATHEMATICS REVISION LIST

MID-YEAR NON-CALCULATOR ASSESSMENT

Unit	Topic	Sparx topics – highlight as you complete these clips using the independent learning function
9.01	Decimal Manipulation	U417, U478, M462, U735, U127, U293, U453, U868, U976
9.02	Estimation and Limits of accuracy	U480, U298, U731, U965, U225, U657, U587, U108, U301
9.03	Related Calculations	U735
9.04	HCF & LCM of large numbers	U211, U751, U529, U236, U739, U250
9.05	Fraction Calculations	U736, U692, U793, U475, U224, U544, U538, U881, U916, U163
9.06	Algebraic Manipulation	M795, U613, M830
9.07	Index Laws	U105, U622, U103, U437, U685, U457, U824
9.08	Standard Form	M719, M678, GCSE content: U264, U290
9.09	Expanding & Factorising	U179, U365, U768, U178, U963

YEAR 10

MATHEMATICS REVISION LIST

MID-YEAR CALCULATOR ASSESSMENT

Unit	Topic	Sparx topics – highlight as you complete these clips using the independent learning function
F1	Solving equations and rearranging formulae	U755, U325, U870, U505, U556, U221, U373
F2	Linear Graphs	U789, U741, U933, U889, U638, U669, U315, U377, U477, U848, U862
F3	Linear Simultaneous Equations	U760, U757, U836, U137
F4	Volume 2	U786, U174, U915, U484, U116, U617, U426, U350, U543
F5	Compound Measures	U914, U462, U896, U902, U388, U248, U468, U151, U256, U403, U910, U527
F6	Quadratics – graphical	U989, U667, U601, U178, U963
F7	Quadratics - algebraic	U228

YEAR 10 HIGHER ONLY (in addition to the list above)

MATHEMATICS REVISION LIST

MID-YEAR CALCULATOR ASSESSMENT

Unit	Topic	Sparx topics – highlight as you complete these clips using the independent learning function
H1	Rearranging formulae	
H2	Linear Graphs	U898
H3	Linear Simultaneous Equations	
H4	Volume 2	
H5	Compound Measures	
H6	Quadratics – graphical	
H7	Quadratics - algebraic	U178, U960, U589, U665, U150, U103, U437, U294, U685, U457, U824