Students in Year 7 have recently done an End of Year Assessment in Maths.

They prepared for this by completing a "Low Stakes" assessment first which mirrored the proper one.

We then marked and corrected the low stakes which students were then able to use in their actual assessment.

Now students have received their assessments back, we wanted to follow this up with some guidance on how you can support your child over the summer holidays with closing some gaps, ready for the new academic year.

Below is a table listing the topics tested in the assessment, along with the codes for the most relevant Sparx tasks.

1. The correct table is found by looking for your child's Maths class.
2. Log into Sparx and click on "Independent Learning" in the bottom left corner.
3. Ensure the "Your Curriculum" box is set to Kay Stage 3.
4. The "Default level" box should already be set to your child's normal HL level, but this can be changed if you wish.
5. Look through your assessment to find the questions you got wrong and type the code found in the tables below into the "Search for topics" box.
6. Sparx will offer three levels of difficulty for each task. You can choose to answer any question and however many you want until you are more confident. Remember, every question also has a video tutorial attached to it.

Classes 7P4, 7G4 and 7S4

Q	Assessment topic	Code	Sparx topic (if slightly different)
1	Ordering decimals	M522	Decimal place value
2	Multiplication	M187	
3	Division	M354	
4	Types of number	M823	Finding factors
		M135	Calculating with powers and roots
5	Negative numbers	M106	
6	Rounding	M111	Rounding integers
		M431	Rounding decimals
7	Collect like terms	M795	Simplifying expressions containing a single variable
		M531	Simplifying expression containing multiple variables
8	Substitution	M327	
9	Area of rectangles and triangles	M390	Finding the area of rectangles
		M610	Finding the area of triangles
10	Angle facts	M818	Angles on a line and about a point
		M351	Angles in triangles
		M679	Angles in quadrilaterals
11	Proportion	M478	Solving proportion problems
12	Recipes	M478	Solving proportion problems
13	Sharing the total/other parts	M525	
14	Averages	M328	Calculating the range
		M934	Calculating the median
15	Frequency tables	M127	Finding averages from frequency tables

16	Stem and leaf diagrams	M648	
17	Percentages of amounts	M437	
18	Fractions of amounts	M695	
19	Add subtract fractions	M835	
20	Coordinates	M618	
21	Generating sequences	M166	Substituting into position-to-term rules
22	Nth term	M991	

Classes 7P2, 7P3, 7G3, 7S2 and 7S3

Q	Assessment topic	Code	Sparx topic (if slightly different)
1	Negative numbers	M106	
2	Multiply decimals	M803	
3	Squares and square roots	M135	
4	Scales and charts	M828	
5	Prime factorisation	M108	
6	Collect like terms	M531	
7	Substitution	M327	
8	Expanding single brackets	M237	
9	Area of rectangles and triangles	M390	Finding the area of rectangles
		M610	Finding the area of triangles
10	Area of compound shapes	M269	
11	Angles in shapes	M818	Angles on a line and about a point
		M351	Angles in triangles
		M679	Angles in quadrilaterals
12	Proportion	M478	Solving proportion problems
13	Recipes	M478	Solving proportion problems
14	Converting metric units	M774	
15	Sharing the total/other parts	M525	
16	Averages	M940	Calculating the mean
		M934	Calculating the median
17	Average problem solving	N/A	
18	Mean from a frequency table	M127	
19	Percentages of amounts	M437	
20	Fractions of amounts	M695	
21	Plotting graphs	M932	
22	Nth term	M991	

Classes 7P1, 7G1, 7G2 and 7S1

Q	Assessment topic	Code	Sparx topic (if slightly different)
1	Dividing by a decimal	M491	
2	Rules of indices	M120	
3	HCF/LCM	M227	Finding the lowest common multiple
		M698	Finding the highest common factor
4	Standard form	M719	Using standard form with positive indices
		M678	Using standard form with negative indices
5	Estimation	M994	Rounding using significant figures
		M878	Estimating calculations

6	Substitution	M327	
7	Expanding double brackets	M960	
8	Factorising single brackets	M100	
9	Area of compound shapes	M269	
10	Volume of cuboids	M765	
11	Angles in shapes	M818	Angles on a line and about a point
		M351	Angles in triangles
		M679	Angles in quadrilaterals
12	Proportion	M478	Solving proportion problems
13	Recipes	M478	Solving proportion problems
14	Maps and scales	M112	Drawing and interpreting scale diagrams
15	Sharing the total/other parts	M525	
16	Average problem solving	N/A	
17	Mean from a frequency table	M127	
18	Scatter graphs	M769	Plotting scatter graphs
		M596	Interpreting scatter graphs
19	Percentages	M437	Finding percentage of amounts
		M476	Percentage change
20	Reverse percentages	M528	
21	Plotting graphs	M932	
22	N^{th} term	M991	