

Ref: HBI/CWA

Date: 16 July 2024

Dear Parent/Carer of **STUDENT FULLNAME**

Students in Y10 have recently completed their end of year assessments/Practice Exams. 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 key topics needed for Y11 content, along with the codes for the most relevant Sparx tasks. Similarly, students can also use their QLA (Question Level Analysis) issued when they received their Practice Exams for revision purposes.

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 GCSE.
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 the QLA list 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.

Y10 Summer Revision List

Be Proud (G1/2 and P1/2) Revision List

Topic	Sparx Code
Completing the Square	U397
Quadratic Sequences	U206
Circle Theorems	U251, U459, U489, U808, U130, U807
Sine and Cosine Rule	U952, U591
Algebraic Fractions	U457, U294, U103, U824, U437
Direct and Inverse Proportion	U407, U721, U357, U364
Vectors	U660, U781,
Inverse Functions	U996,

Aim High (G3/4 and P3/4) Revision List

Topic	Sparx Code
Sine Rule	U952
Cosine Rule	U951
Area of Non-Right-Angled Triangles	U592
Recurring Decimals	U689, U550
Surds	U338, U633, U872
Parallel and Perpendicular Lines	U898
Fractional and Negative Indices	U772, U985, U694
Quadratic Formula	U665
Functions	U637

Be Determined/Be Supportive Revision List

Topic	Sparx Code
Negative Numbers	U458, U742
Simultaneous Equations	U757, U137, U760,
Percentages	U554, U773, U278, U671, U332
Factorising (single/double brackets)	U437, U178, U960
Transformations	U196, U696, U134, U799, U519
Circles	U604, U950,
Exchange Rates	U610
Pythagoras	U385, U828
Trigonometry	U283, U545

If you require any further information, do not hesitate to get in touch.

Have a lovely summer.

Kind Regards

Miss H Hibberd

Y9 and Y10 Maths Coordinator