Year 10 AP2 Mathematics – Higher

Ormiston Horizon Academy

How to revise Maths:

You can follow the below process for each topic:

1. Speak to your teacher about topics you don't understand
2. Look through previous assessments to see any previous areas you struggled with.
3. Review the topics listed in the revision list and revise them from your exercise book
4. Review online videos and tutorials explaining these topics areas.
5. Review any topics you need to practice on Sparx Maths before the assessment.

Additional Information:

- Remember to look through your own notes from class and use the knowledge organisers your teacher gave you to summarise topics.
- Email your class teacher if you need any help.
- Remember, paper 1 is non-calculator, paper 2 is calculator. This revision list is for both papers, with topics split across both.

Revision list:

Number:

Product of prime factors **U739** including LCM and HCF **U250**
Percentages of amounts **U881**
Percentage increase and decrease **U671**
Reverse percentages **U286**
Compound interest including reverse **U332 AND U988**
Multiplying decimals **U293**
Estimation **U225**
Writing **U534** and calculating in standard form **U264 AND U290**

Algebra:

Solving simultaneous equations including in context **U760 AND U137**
Rearranging formula **U675 U181**
Inequality regions **U747**
Solving double inequalities **U145**
Quadratic graphs **U989 AND U667**
Using gradients of liner graphs **U477**
Finding the equation of a line **U669**
Finding an equation of a perpendicular line **U898**

Ratio/Proportion:

Direct proportion equations **U640 AND U407**
Inverse proportion in context **U357** and tables **U364 AND U138**
Graphs of proportionality **U238**

Geometry/Measures:

SDT **U151** PFA **U527** DMV **U910**
Finding lengths in similar shapes **U578**
Proving similarity **U551**
Angle facts including parallel lines **U655 AND U826**
Exact Trigonometric values **U627**
Right angled trigonometry **U283**
Performing and describing all transformations **U766**
Translation **U196** Reflection **U799** Rotation **U696**
Enlargement **U519** (positive) **U134** (negative)

Statistics/Probability:

Venn Diagrams **U476** including set notation **U296**
Scatter Diagrams **U277**