

## **Mathematics – Year 12 Report Feedback Sheet**

Please find below information on each of the topics outlined on your child's report for Mathematics. We have broken down each topic into the relevant objectives to help you support your child in improving on their 'insecure' or 'developing' topics. We have directed you to our <a href="https://alevelmathsrevision.com/maths-categorised-exam-questions/">https://alevelmathsrevision.com/maths-categorised-exam-questions/</a> on each of the topics to allow your child to improve further. You can find all of the information you need by going to the following website or looking in the Year 12 Student Team in the folder named 'Term 5 Report Feedback.'

Topic 1 -	Resources
Differentiation	
Differentiation	Please visit:
(Mixed)	https://alevelmathsrevision.com/maths-
	categorised-exam-questions/
Differentiation	Watch the tutorial video on each
from first	section listed on the left
principles	Complete the Questions on each
Stationary	section
points	<ul> <li>Mark your work using the given</li> </ul>
Tangents and	mark scheme (MS)
Normals to	
curves	
Practical	
applications to	
Differentiation	

Topic 2 -	Resources
Integration	
Definite and	Please visit:
Indefinite	https://alevelmathsrevision.com/maths-
Integrals	categorised-exam-questions/
Area between	Watch the tutorial video on each
a curve and	section listed on the left
the x-axis	<ul> <li>Complete the Questions on each</li> </ul>
Integration	section
(Mixed)	<ul> <li>Mark your work using the given</li> </ul>
	mark scheme (MS)

Topic 3 – Exponentials	Resources
and	
Logarithms	
Laws of Logs &	Please visit:
Log equations	https://alevelmathsrevision.com/maths-
Solving exp	categorised-exam-questions/
equations	Watch the tutorial video on each
Exp & Log	section listed on the left
equations	Complete the Questions on each
	section
Modelling with	Mark your work using the given
Exp equations	mark scheme (MS)

Topic 4 - Trigonometry	Resources
Sine, Cosine & Sine Area Intro to trig equations Trig equations and Identities	Please visit: https://alevelmathsrevision.com/maths- categorised-exam-questions/  • Watch the tutorial video on each section listed on the left  • Complete the Questions on each section  • Mark your work using the given mark scheme (MS)



Topic 5 –	Resources
Hypothesis	
Testing	
Binomial	Please visit:
Hypothesis	https://alevelmathsrevision.com/maths-
Testing	categorised-exam-questions/
	Watch the tutorial video on each
Binomial	section listed on the left
Hypothesis	Complete the Questions on each
Testing	section
problems	Mark your work using the given
	mark scheme (MS)

Topic 6 – Kinematics	Resources
Kinematics	Please visit:
(Velocity,	https://alevelmathsrevision.com/maths-
displacement	categorised-exam-questions/
time graphs)	Watch the tutorial video on each
Kinematics	section listed on the left
with constant	Complete the Questions on each
acceleration	section
	Mark your work using the given
Kinematics	mark scheme (MS)
with variable	
acceleration	