



# Bellahouston Academy

## Study Planning Session 2023/24



### Example Pages

1. How many hours of study can you complete in a week?

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total
Hours	2	2	1	3	0	3	0	11

2. Divide your total hours between your subjects:

Subject	Hours
e.g. Higher Math	3
National 5 Modern Studies	3
Higher Biology	3
Higher English	2

### 3. Divide & Conquer!

Set yourself a short-term target for each subject and each week until the final exam.

A possible example for a Higher Math's candidate as a **minimum** course of action would be an in-depth coverage of each topic in **addition** to regular revision and class work.

This would involve revising the theory of a topic, practicing basic examples and then completing past paper questions by topic.

w/c	Target	Completed	w/c	Target	Completed
23/10	Straight Line + Functions and Graphs		27/11	Vectors + Further Calculus	
30/10	Recurrence relations + Differentiation		4/12	Exp + Log Functions + Wave Function	
6/11	Polynomials + Quadratics		11/12	Mixed Past Papers	
13/11	Integration + Addition Formulae		18/12	Mixed Past Papers	
20/11	Optimisation		25/12	Mixed Past Papers	

## **Obtain Subject specific information from your teachers**

### **Department of Mathematics & Numeracy**

- Attend Supported Study
- Revise Course Notes/Jotter regularly
- Use Assessment evaluation sheets and homework corrections to identify and target challenging areas.
- Practice Basic Skills regularly:
  - National 4: Fractions/Decimals/Percentages/
  - National 5: As above and also Algebra/Pythagoras Theorem/Trigonometry
  - Higher: Straight line, Trig equations, Differentiation and Integration
  - Advanced Higher: Standard Derivatives and Standard Integrals, Binomial Theorem and Partial Fractions
- Pupils will be expected to know from memory all formulae from the previous level to the level that they are currently sitting.
  - National 4: Area and Volume
  - National 5: Circle, Volume, Area, Pythagoras
  - Higher: Right angled Trigonometry, Sine rule, Cosine Rule and Trig Identities, Quadratic Formula for roots, Indices laws and rules of surds, Distance formula, Midpoint formula and gradient formula.
  - Advanced Higher: no formula sheet given, need to know all formulae, including those used in Higher

### **Necessary resources**

Calculator, Pen, Pencil, Sharpener, Rubber, Ruler, Protractor.

### **Recommended Websites**

[www.scholar.hw.ac.uk/](http://www.scholar.hw.ac.uk/), <http://www.maths4scotland.co.uk>

<http://www.hsn.uk.net>, <http://mathemental.wikispaces.com>

<http://www.madras.fife.sch.uk>, <http://www.invergordonacademy.org.uk>

<http://www.mathsrevision.com/>