

Grange Academy

Senior Phase Assessment Overview

2024-25

HIGHER APPLICATIONS OF MATHEMATICS



Week/Month	Learning Focus	Homework	Assessment	Coursework Submitted to SQA
13/05/24				
20/05/24				
27/05/24				
03/06/24	Appreciation, Depreciation			
10/06/24	National Insurance	HWK 1		
17/06/24	Salaries and Taxation			
24/06/24	Accumulation and Present Value (calc and spreadsheet) goal seek			
19/08/24	Review of June work	HWK 2		
21/08/24	Pert and Gantt charts	HWK 3		
26/08/24	Pert and Gantt charts	HWK 4		
02/09/24	Venn diagrams, Tree diagrams	HWK 5		
09/09/24	Recurrence Relations goal seek	HWK 6		
16/09/24	Data Types, Bias, outliers	HWK 7		
23/09/24	Introduction R studio	HWK 8		
30/09/24	Investigating Data sets	HWK 9		
07/10/24				
21/10/24	Hypothesis testing, confidence intervals			
28/10/24	Correlation, t-test, z-test			
04/11/24	Correlation, t-test, z-test	MAP PREP 1A	MAP ASSESSMENT 1	

		MAP PREP 1B		
11/11/24	Financial products Insurance, CPI	MAP PREP 2A MAP PREP 2B	MAP ASSESSMENT 2	
18/11/24	Financial products Insurance, CPI	MAP PREP 3A MAP PREP 3B	MAP ASSESSMENT 3	
25/11/24	Prelim Preparation	MAP PREP 4A MAP PREP 4B	MAP ASSESSMENT 4	
December	PRELIM:			
02/12/24		MAP PREP 5A MAP PREP 5B	MAP ASSESSMENT 5	
09/12/24				
16/12/24				
06/01/25		HWK 12		
13/01/25	SQA PROJECT	HWK 13		
20/01/25	SQA PROJECT	HWK 14		
27/01/25	SQA PROJECT	HWK 15		
03/02/25	SQA PROJECT COMPLETED	HWK 16		Sent to SQA. Worth 27% of final grade.
10/02/25	Types of Graphs, mathematical modelling	HWK 17		
17/02/25	Calculating errors and tolerance	HWK 18		
24/02/25	Risk and Expected Value	HWK 19		
03/03/25	Statistics Revision	HWK 20		
10/03/25	Finance Revision	MAP PREP 1A MAP PREP 1B	MAP ASSESSMENT 1	
17/03/25	Revision	MAP PREP 2A MAP PREP 2B	MAP ASSESSMENT 2	
24/03/25	Revision	MAP PREP 3A MAP PREP 3B	MAP ASSESSMENT 3	
31/03/25			Full course assessment.	
21/04/25	Exam Revision			