



Baldragon Academy
Mathematics
Course Plan

S4

National 4
Applications

Term 1a - June

20 Periods (based on 4 weeks at 5 periods per week)

Revision of CfE Level 3 for Numeracy Assessment

Numeracy Revision

Learning Intention To be able to -	Periods
Calculate percentage of a value, increase and decrease	3
Foreign Exchange	2
Calculate time intervals & complete timetables	2
Calculate decimal of hours from hours and minutes	2
Calculate Speed Distance Time (part hours)	2
Calculate the perimeter of a shape (basic and composite)	2
Homework on	Total 13

Revise and complete questions 1-6 of Numeracy Assessment.

Term 1b

August - October

40 Periods (based on 8 weeks at 5 periods per week)

Numeracy Revision - continued

Learning Intention. To be able to -	Periods
Solve problems using weights in grams and kilograms	1
Measure lines and angles	1
Solve problems using ratio	2
Solving problems using negative numbers in context	1
Reading Tables	1
Understanding pie charts	2
Calculating Probability	2
	Total 10

Revision - Complete Numeracy Assessment (5 periods)

Geometry and Measures - Part 1

Learning Intention. To be able to -	Periods
Algebra revision	1
Substitution	2
Time revision	2
Enlargement	1
Scale	1
Sketching scale drawings	1
Compass/bearings	1
Protractor/ bearings	1
Sketching scale drawing with bearings	1
Tolerance	2
Squares and roots	1
Pythagoras	4
Gradient	2
Revision	2
	Total 22

Q's 1,2,4,5,8 of Geometry and Measures assessment

** An extra week is included to cater for Work Experience **

Term 2

October - December

40 Periods (based on 8 weeks at 5 periods per week)

Geometry and Measures - Part 2

Learning Intention. To be able to -	Periods
Perimeter of rectangles and triangles	1
Circumference	2
Perimeter of compound shapes	1
Area of rectangles and triangles	2
Area of composite shapes	1
Area of parallelograms	1
Area of kites	1
Area of circles	2
Volume of cuboids and cubes	1
Capacity	1
Volume of prisms	2
Volume of cylinders	2
Problem solving - area	2
Problem solving - volume	2
Revision	2
	Total 23

Q's 3,6,7 of Geometry and Measures assessment

Term 3

January - March

55 periods (based on 11 weeks at 5 periods a week)

Finance and Statistics - Part 1

Learning Intention. To be able to -	Periods
Hourly rate	2
Weekly/monthly pay	1
Increase in salary	1
Commission	1
Overtime	1
Pay slips	2
Comparing prices - goods	2
Comparing prices - services	2
Comparing prices - rates	2
Banking - simple interest	2
Bank cards	1
Loans	2
Foreign exchange	2
Revision	2
	Total 23

Q's 1-5 of Managing finance and stats assessment

Finance and Statistics - Part 2

Learning Intention. To be able to -	Periods
Read scatter graphs	1
Interpret the line of best fit	1
Draw scatter graphs	2
Frequency tables	1
Bar graphs	1

Line graphs	1
Pie charts	3
Stem and leaf diagrams	2
Probability	2
Revision	2
	Total 16

Q's 6-8 of Managing finance and stats assessment

Revise 10 periods for the AVU assessment

Sit AVU on 16th March