



Baldragon Academy

Mathematics

Course Plan

CfE Level 4

Change of Timetable

May - June

16 Periods (based on 4 weeks at 4 periods per week)

Unit 1 - Numeracy

Learning Intention To be able to -		Periods
Revise for Qu 1-6; percentages, proportion, foreign exchange, time intervals, composite perimeter and SDT	MNU4-07a, MNU4-09c, MNU4-10b, MNU4-16a	6
Complete Qu 1-6 of Numeracy Assessment		1

Learning Intention To be able to -		Periods
Revise for Qu 7-11; Problems related to weight and Measure, ratio, Hire Purchase and integers in context.	MNU4-16a, MNU4-08a, MNU4-09c, MNU3-04a	4
Complete Qu 7-11 of Numeracy Assessment		1

TOTAL	15
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Term 1

August - October

32 Periods (based on 8 weeks at 4 periods per week)

Learning Intention To be able to -		Periods
Work with statistical data (bar chart, pie chart & tables)	MNU4-21a	3
Use probability	MNU4-22a	1
Complete Numeracy Assessment		1

Unit 1 - Expressions and Formulae

Learning Intention To be able to -		Periods
Simplify & Expand brackets	MNU4-14a	3
Expand the double brackets (FOIL)	MNU4-14a	4
Factorise	MNU4-14b	3
Evaluate an expression or a formulae	MNU3-14a	2
Use a formula for a linear pattern	MNU4-13a	3
Calculate the gradient of a straight line	MNU4-13b	2
Calculate the Circumference of a circle	MNU4-16b	1
Calculate the Area of a circle	MNU4-16b	2
Calculate the Area of a rectangle, triangle and a composite shape	MNU4-16a	2
Calculate the Area of a parallelogram, kite/rhombus, trapezium	MNU4-16a	2
Qu 1-8 of Expressions & Formulae Assessment		3

TOTAL	32
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Term 2

October - December

32 Periods (based on 8 weeks at 4 periods per week)

Unit 1 - Expressions and Formulae

Learning Intention To be able to -		Periods
Calculate the Volume of a Prism, Cylinder, Pyramid, Cone, Sphere.	MNU4-11c	5
Calculate Surface Area	MNU4-11b	2
Use rotational symmetry	MNU4-18b	4
Construct a frequency table	MNU4-20a	2
Determine and interpret statistics of a data set	MNU4-20b	3
Represent raw data in a pie chart	MNU4-21a	3
Use probability	MNU4-22a	2
Qu 9-15 of Expressions & Formulae Assessment		3

Unit 2 - Relationships

Learning Intention To be able to -		Periods
Draw and recognise a graph of a linear equation	MNU4-13c	3
Solve linear equations	MNU4-15a	3

TOTAL	32
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Term 3

January - March

44 periods (based on 11 weeks at 4 periods a week)

Unit 2 - Relationships

Learning Intention To be able to -		Periods
Solve linear inequalities	MNU4-15a	2
To change the subject of a formula	MNU4-15a	3
To use power and roots	MNU4-06a	2
To use Pythagoras' theorem	MNU4-16a	6
To use a fractional scale factor	MNU3-17c	2
Qu 1-6 of Relationships		3
To find missing angles	MNU3-17a MNU4-17a	8
To use trigonometry	MNU4-16a	6
To construct a scattergraph and a line of best fit	MNU4-21a	2
Qu 7-11 of Relationships		3

AVU revision and assessment	6
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TOTAL	43
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