



Baldragon Academy
Mathematics
Course Plan

S2

CfE Level 3

Term 1a

June

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

Money

Learning Intention To be able to -	Periods
Use money exchange in a foreign currency	1
*Find the best value when comparing different offers (include comparing hire purchase (no deposit) to cash price etc)	2
*Find the best value for insurance	1
*Find the best value when comparing different services	1
*Find the best value when comparing different rates or contracts	1
Borrowing money (interest rates)	2
Understand the advantages and disadvantages of using a debit/credit card	1
Money Matters Finance/Statistics Recap	1
Homework on Money	Total 10

Tolerance

Learning Intention To be able to -	Periods
Identify the maximum and minimum values from tolerance form	1
Generate tolerance form from maximum and minimum values	2
Solve problems with values in tolerance form	1
	Total 4

Term 1b

August - October

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

Fractions

Learning Intention To be able to -	Periods
Multiply one fraction by another fraction	2
Divide a fraction by a fraction	2
Multiply and Divide mixed question exercise	2
Homework on Fractions	Total 6

Angles

Learning Intention. To be able to -	Periods
Find unknown angles using corresponding angles	2
Find unknown angles using alternate angles	2
Exercise on mixed angles	3
Homework on Angles	Total 7

Algebra

Learning Intention. To be able to -	Periods
Solve simple equations	1
Solve more challenging equations	3
Solve equations with brackets	3
Solve equations with fractions	2
Solve inequalities	3
Homework on Algebra	Total 12

Revision

Allow 3 periods for end of topic reviews. End of term, allow 4 periods for revision and 1 period for **Review 5**.

Term 2

October - December

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

2 Dimensions

Learning Intention. To be able to -	Periods
Recognise and know names of polygons	1
Given 2 sides and the included angle, be able to draw a triangle	1
Given 2 angles and a side, be able to draw a triangle	1
Given the length of its 3 sides be able to draw the triangle	1
Draw quadrilaterals and regular polygons	1
Homework on 2 Dimensions	Total 5

Powers and Roots

Learning Intention. To be able to -	Periods
Square & cube numbers and also raise them to a power	2
Find the square root of any number and some simple cube roots	2
Homework on Powers and Roots	Total 4

2-D & Powers and Roots in one mini review.

Multiples and Factors

Learning Intention. To be able to -	Periods
List multiples of numbers and state their lowest common multiple	2
Write factors of numbers and state their highest common factor	2
Express a number as a product of primes	1
Homework on Multiples and Factors	Total 5

Scale Drawings

Learning Intention. To be able to -	Periods
Calculate the real length of an object from a scale drawing	1
Create a fairly basic scale drawing	1
Make scale drawings using a protractor	3
Create scale drawings involving bearings	3
	Total 8

Revision

Allow 3 periods for end of topic reviews. End of term, allow 4 periods for revision and 1 period for **Review 6**.

Term 3

January - March

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

Patterns

Learning Intention. To be able to -	Periods
Recognise and continue a basic sequence of numbers	2
Identify and use a formula for a basic linear pattern	2
Identify and use more difficult linear patterns	2
Homework on Patterns	Total 6

Proportion

Learning Intention. To be able to -	Periods
Share in any given ratio	2
Use basic proportion to find the value of one item	1
Use direct proportion to solve problems	2
Show direct proportion as a Linear Graph	1
Homework on Proportion	Total 6

Symmetry

Learning Intention. To be able to -	Periods
Identify line symmetry and create symmetrical shapes	1
Identify rotational symmetry	1
Create a shape using turn symmetry	1
Use translation symmetry to tile a plane	2
Homework on Symmetry	Total 5

Probability

Learning Intention. To be able to -	Periods
Express probability in ratio form	2
Express probability as a fraction	2
Work out probability in independent events	1
Work out probability in dependent events	1
Homework on Probability	Total 6

Statistics

Learning Intention. To be able to -	Periods
How to interpret and draw a bar graph & a line graph	2
Interpret and construct a pie chart	2
Use a protractor to construct a pie chart	2
Calculate the range and the mean from a set of data	2
Find the median and the mode	2
Interpret and construct a stem & leaf diagram	2
Homework on Statistics	Total 12

Probability and Statistics in one review

Revision

Allow 4 periods for end of topic reviews. End of term, allow 4 periods for revision and 1 period for **Review 7**.

Term 4a

April - May (Change of timetable)

16 periods (based on 4 weeks at 4 periods a week)

Revise and sit Level 4 Numeracy Assessment.