S1 Mathematics CfE Level 3

TERM 1 (Aug 13th – Nov 14th, 2020)

Weeks	Topic	Subtopic
Week 1 (August 13 -15)	Rounding	Rounding to any number of decimal places Rounding to a required number of significant figures
Week 2, 3 (Aug 17 -29)	Rounding	Estimate/check answers using rounding to 1 (or 2) significant figures **Revisit - Review - Revise !**
Week 4, 5 (Aug 31 – Sep 12)	*Rounding Assessment* Whole Numbers	Solve a variety of problems by choosing and using addn, subn, multn or divn Mental methods used in addn, subn, multn and divn, explaining method used Multiplication/Division by multiples of 10, 100, 1000
Week 6 (Sep 14 – 19)	*Whole Numbers Assessment* Angles	Complementary and Supplementary Angles Angle round a point = 360° Vertically Opposite Angles

Week 7, 8 (Sep 21 – Oct 3)	Angles	Angles in a Triangle Mixed Exercise **Revisit - Review - Revise !**
Week 9 (Oct 5 – 10)	*Angles Assessment* Integers	Negative numbers in context - Money, temperature, time, etc Adding and Subtracting Integers including the double negative Multiplying and Dividing Integers including 2 or more negatives
Week 10 (0ct 12 – 17)	**MID-TERM HOLIDAY**	
Week 11 (Oct 19 – 24)	Integers	Mixed exercise **Revisit - Review - Revise !**
Week 12 (Oct 26 – 31)	*Integers Assessment* Coordinates	Plotting/Reading Points in all 4 quadrants of coordinate diagram Reflection over the x and y axes
Week 13 (Nov 2 – 7)	Coordinates	Reflection over the x and y axes **Revisit - Review - Revise !**

Week 14 (Nov 9 - 14)	*Coordinates Assessment* %ages/Fractions and Decimals	Percentages without a calculator including Mental Work
Nov 14 - 15	**END OF TERM 1**	

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TERM 2 (Nov 16th 2020 – Feb 27th 2021)

Week 1 (Nov 16 – 21)	%ages/Fractions and Decimals	Percentages using a calculator Linking Fractions <--> Decimals <--> Percentages
Week 2 (Nov 23 – 28)	%ages/Fractions and Decimals *%ages/Fractions and Decimals Assessment*	**Revisit - Review - Revise !**
Week 3 (Nov 30 – Dec 5)	Algebra	Simplify Expressions like 3x + 5y - 4x – y

		Expand Brackets* and simplify 5(2x + 5) - 2 (3x - 4)
Week 4 (Dec 7 – 12)	Algebra	Equation Solving up to x + 3 = 7, 3x = 15, 3x - 4 = 11, 2(x + 3) = 20 Evaluate simple formulae using substitution e.g 2x2 when x = -3
Week 5 (Dec 14 -19)	Algebra	Construct a formula from a diagram and evaluate it :- V = l x b x h, F = 9/5C + 32
Week 6 (Dec 21 – 23)	Algebra **Algebra Assessment**	**Revisit - Review - Revise !**
Week 6 - 7 (Dec 24 – Jan 5)	**WINTER BREAK**	
Week 8 (Jan 6 – 9)	Perimeter/Area	Revise Areas and Perimeters of Squares, Rectangles and Triangles
Week 9 (Jan 11 – 16)	Perimeter/Area	Area of a Rhombus and a Kite Area of a Parallelogram
Week 10 (Jan 18 – 23)	Perimeter/Area	Area of a Trapezium Composite Areas
Week 11 (Jan 25 – 30)	Perimeter/Area **Perimeter/Area Assessment**	**Revisit - Review - Revise !**

Week 12 (Feb 1 – 5)	Fractions	Revision of Fractions - Equivalence and Simplifying Converting Mixed to Top Heavy and vice versa
Feb (6 – 9)	**MID-TERM HOLIDAY**	
Week 13 (Feb 10 -13)	Fractions	Adding and Subtracting Mixed Fractions with same denominators Adding and Subtracting Mixed Fractions with different denominators (all)
Week 14 (Feb 15 -20)	Fractions ***Fractions Assessment***	A Problem with Subtraction **Revisit - Review - Revise !**
Week 15 (Feb 22 – 27)	The Circle 1	Circumference of a Circle C = $D (C = 2$r) Problems involving circumference, including half and quarter circles

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TERM 3 (March 1st – June 26th, 2021)

Week 1 (March 1- 6)	The Circle 1	Calculating the Diameter or Radius of a Circle, knowing its Circumference
Week 2 (March 8 - 13)	The Circle 1 *Circle Assessment*	**Revisit - Review - Revise !**
Week 3 (March 15 - 20)	Ratio	Understanding Ratio Simplifying Ratio
Week 4 (March 22 - 27)	Ratio	Solving problems using Ratio **Revisit - Review - Revise !**
Week 5 (March 29 – April 1st)	*Ratio Assessment* Volumes	Revise Volumes of Cubes and Cuboids including Composites
Week 5 - 7 (April 2– 17)	**APRIL HOLIDAY**	
Week 8 (April 19 - 24)	Volumes	Volumes of Triangular Prisms including Composites

Week 9 (April 26 – May 1)	Volumes ***Volumes Assessment***	Liquid Volume - Capacity including conversion Litres <--> millilitres **Revisit - Review - Revise !**
Week 10 (May 3 - 8)	**MAY DAY, RAMADHAN/EID HOLIDAY**	
Week 11 (May 10 - 15)	**RAMADHAN/EID HOLIDAY**	
Week 12 (May 17 – 22)	Money	Wages and salaries - Hourly rates, Annual/Monthly/Weekly Pay Bonuses, Piecework, Commission
Week 13 (May 24 -29)	Money	Overtime Gross Pay, Deductions and Net Pay* - Understanding what deductions are
May 28th – May 31st, 2021	**MID-TERM HOLIDAY**	
Week 14 (May 31 – June 5)	Money ***Money Assessment***	**Revisit - Review - Revise !**
Week 15 (June 7 – 12)	Time	Revise basic Time - Distance - Speed calculations for whole hours
Week 16 (June 14 – 19)	Time	Using quarter and half hours in TDS Calculations Converting Hours and Minutes to Decimals and Vice Versa

Week 17	Time	Simple Time-Distance-Speed Graphs
	Time Assessment	
(June 21 – 26)		**Revisit - Review - Revise !**
	END OF TERM 3	