

S2 Mathematics CfE Level 3

TERM 1 (Aug 13th – Nov 14th, 2020)

<u>Weeks</u>	<u>Topic</u>	<u>Subtopic</u>
Week 1 (August 13 -15)	Powers & Roots	Squares, Cubes and Powers (Indices) Square* (and Cube Roots - Extn)
Week 2, 3 (Aug 17 -29)	Powers & Roots	Square* (and Cube Roots – Extn Revisit - Review - Revise !)
Week 4, 5 (Aug 31 – Sep 12)	Powers & Roots Assessment (Review 1) Money	Money, (Ch 13) from Book 3a. Foreign Exchange
Week 6 (Sep 14 – 19)	Money	Best Buys Best Deal - plumber's service, call out charges etc.
Week 7, 8 (Sep 21 – Oct 3)	Money (Review 2)	Revisit - Review - Revise ! Rounding, (Ch 1) and Whole Numbers, (Ch 2) from Book 3a.

Week 9 (Oct 5 – 10)	Multiples & Factors	Multiples and Lowest Common Multiple Factors and Highest Common Factor
Week 10 (Oct 12 – 17)	MID-TERM HOLIDAY	
Week 11 (Oct 19 – 24)	Multiples & Factors	Prime Numbers Prime Decomposition Revisit - Review - Revise !
Week 12 (Oct 26 – 31)	<i>Multiples & Factors Assessment</i> (Review 3)	%, Fractions and Decimals without a Calculator, (Ch 6) from Book 3a.
Week 13 (Nov 2 – 7)	Patterns & Relationships	Revise Sequences and Patterns Simple Linear Patterns of the form $P = mD$ and Linear Graphs $y = mx$
Week 14 (Nov 9 - 14)	Patterns & Relationships	Further Linear Patterns of the form $P = mD + c$ and Linear Graphs $y = mx + c$ Revisit - Review - Revise !
Nov 14 - 15	END OF TERM 1	

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

Week 1 (Nov 16 – 21)	Patterns & Relationships Assessment (Review 4)	Algebra, (Ch 7) and Integers, (Ch 4) from Book 3a.
Week 2 (Nov 23 – 28)	Algebra 2	Revise Basic Equation Solving using various methods up to $3x - 4 = 11$
Week 3 (Nov 30 – Dec 5)	Algebra 2	Further Equations $6x - 2 = 4x + 10$, $2(3x - 1) = 20$, $1/2x - 2 = 6^*$
Week 4 (Dec 7 – 12)	Algebra 2	Solving Inequalities like $3x - 5 > 10$, $1/3x + 3 \leq 12^*$
Week 5 (Dec 14 -19)	Algebra 2	Construct a formula from a diagram and evaluate it :- $V = l \times b \times h$, $F = 9/5C + 32$ Revisit - Review - Revise !
Week 6 (Dec 21 – 23)	Algebra 2 Assessment (Review 5)	Angles, (Ch 3) from Book 3a

Week 6 - 7 (Dec 24 – Jan 5)	WINTER BREAK	
Week 8 (Jan 6 – 9)	Angles	Corresponding Angles (F - Angles) Alternate Angles (Z - Angles)
Week 9 (Jan 11 – 16)	Angles	Problems involving All Angles Revisit - Review - Revise !
Week 10 (Jan 18 – 23)	Angles Assessment (Review 6)	Perimeter & Area, (Ch 8) and Volumes, (Ch 12) from Book 3a
Week 11 (Jan 25 – 30)	(Review 7)	Fractions, (Ch 9) from Book 3a.
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	Multiplying Fractions including Mixed Numbers Dividing Fractions including Mixed Numbers

Week 14 (Feb 15 -20)	Fractions <i>Fractions Assessment</i>	Mixed problems including all 4 operations Revisit - Review - Revise !
Week 15 (Feb 22 – 27)	(Review 8) Proportion	Coordinates, (Ch 5) from Book 3a. Proportional Sharing Proportion - Basic Unitary Proportion

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TERM 3 (March 1st – June 26th, 2021)

Week 1 (March 1- 6)	Proportion	Direct Proportion - Knowing the cost of x, find the cost of y The Graph of Direct Proportion
Week 2 (March 8 - 13)	Proportion Proportion Assessment	Revisit - Review - Revise !
Week 3 (March 15 - 20)	(Review 10) Statistics	%, Fractions and Decimals with a Calculator, (Ch 6) from Book 3a. Bar Graphs and Line Graphs
Week 4 (March 22 - 27)	Statistics	Interpreting Pie-chart Drawing Pie-chart from Raw Data or Percentages Averages - Mean and Range of a data set
Week 5 (March 29 – April 1st)	Statistics	Averages - Median and Mode of a data set Stem-and-Leaf Diagrams
Week 5 – 7 (April 2– 17)	APRIL HOLIDAY	
Week 8 (April 19 - 24)	Statistics	Problems when collecting/using data - Conducting a survey Revisit - Review - Revise !

Week 9 (April 26 – May 1)	Statistics Statistics Assessment	Problems when collecting/using data - Conducting a survey 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)	(Review 12) Probability	Time, (Ch 15) from Book 3a. Revision of simple Probability
Week 13 (May 24 -29)	Probability	Harder Probability - Prob of total of 7 when rolling 2 die, Prob of 3 head etc Probability as a Fraction
May 28 th – May 31 st , 2021	MID-TERM HOLIDAY	
Week 14 (May 31 – June 5)	Probability	Revisit - Review - Revise !
Week 15 (June 7 – 12)	Entire Level 3 Revision	
Week 16 (June 14 – 19)	Entire Level 3 Revision	

Week 17 (June 21 – 26)	Entire Level 3 Revision Level 3 Diagnostic Assessment	
	END OF TERM 3	