

TENTATIVE COURSE SCHEDULE

TERM	LESSON	QUIZ/TEST
First Week of Sep.	Review from Math 8	
Term 1 (Sep. – Oct.)	Chapter 3: Rational Numbers	
	3.1 What Is a Rational Number?	
	3.2 Adding Rational Numbers	
	3.3 Subtracting Rational Numbers	Quiz (3.1 – 3.3)
	3.4 Multiplying Rational Numbers	
	3.5 Dividing Rational Numbers	Quiz (3.4 – 3.5)
	3.6 Order of Operations with Rational Numbers	
	Unit 3 Problem	Unit 3 Test
Term 1 (Oct.)	Chapter 2: Powers and Exponent Laws	
	2.1 What is a Power?	
	2.2 Powers of Ten and the Zero Exponent	
	2.3 Order of Operations with Powers	Quiz (2.1 – 2.3)
	2.4 Exponent Laws I	
	2.5 Exponent Laws II	Quiz (2.4 – 2.5)
	Unit 2 Problem	Unit 2 Test
Term 1 (Nov.)	Chapter 5: Polynomials	
	5.1 Modelling Polynomials	
	5.2 Like Terms and Unlike Terms	
	5.3 Adding Polynomials	
	5.4 Subtracting Polynomials	Quiz (5.1 – 5.4)
	5.5 Multiplying and Dividing a Polynomial by a Constant	
	5.6 Multiplying and Dividing a Polynomial by a Monomial	Quiz (5.5 – 5.6)
	Unit 5 Problem	Unit 5 Test
Term 2 (Dec. – Jan.)	Chapter 4: Linear Relations	
	4.1 Writing Equations to Describe Patterns	
	4.2 Linear Relations	
	4.3 Another Form of the Equation for a Linear Relation	Quiz (4.1 – 4.3)
	4.4 Matching Equations and Graphs	
	4.5 Using Graphs to Estimate Values	
	Unit 4 Problem	Unit 4 Test
Term 2 (Feb.)	Chapter 6: Linear Equations and Inequalities	
	6.1 Solving Equations by Using Inverse Operations	
	6.2 Solving Equations by Using Balance Strategies	Quiz (6.1 – 6.2)
	6.3 Introduction to Linear Inequalities	
	6.4 Solving Linear Inequalities by Using Addition and Subtraction	
	6.5 Solving Linear Inequalities by Using Multiplication and Division	Quiz (6.3 – 6.5)
	Unit 6 Problem	Unit 6 Test
Term 2 (Feb. – Mar.)	Chapter 1: Square Roots and Surface Area	
	1.1 Square Roots of Perfect Squares	
	1.2 Square Roots of Non-Perfect Squares	Quiz (1.1 – 1.2)
	1.3 Surface Areas of Objects Made from Right Rectangular Prisms	
	1.4 Surface Areas of Other Composite Objects	
	Unit 1 Problem	Unit 1 Test
Term 3 (Mar. – Apr.)	Chapter 7: Similarity and Transformations	
	7.1 Scale Diagrams and Enlargements	
	7.2 Scale Diagrams and Reductions	Quiz (7.1 – 7.2)
	7.3 Similar Polygons	
	7.4 Similar Triangles	
	Unit 7 Problem	Unit 7 Test

Term 3 (Apr. – May)	Chapter 8: Circle Geometry	
	8.1 Properties of Tangents to a Circle	
	8.2 Properties of Chords in a Circle	Quiz (8.1 – 8.2)
	8.3 Properties of Angles in a Circle	
	Unit 8 Problem	Unit 8 Test
Term 3 (May – June)	Chapter 9: Probability and Statistics	
	9.1 Probability in Society	
	9.2 Potential Problems with Collecting Data	
	9.3 Using Samples and Populations to Collect Data	
	9.4 Selecting a Sample	Quiz (9.1 – 9.4)
	9.5 Designing a Project Plan	
	Unit 9 Problem	Unit 9 Test