

Grade 7

Year-End Assessment Syllabus — Mathematics

Chapter	Topic	Assessment Topics
CH1	Integers	<ul style="list-style-type: none">• Multiplying & dividing integers• Integer word problems• Order of operations with integers
CH2	Fractions, Decimal & Percentage	<ul style="list-style-type: none">• All 4 operations with fractions• Percent of change• Converting between forms
CH3	Multiples & Factors	<ul style="list-style-type: none">• Prime factorization• Highest power factors
CH4	LCM & GCF	<ul style="list-style-type: none">• LCM of 3+ numbers• GCF in algebraic expressions
CH5	Exponents	<ul style="list-style-type: none">• Powers & bases• Exponent rules (product, quotient)• Evaluating expressions with exponents
CH6	Ratio, Proportion & Rates	<ul style="list-style-type: none">• Equivalent ratios• Unit rates• Proportional reasoning• Cross-multiplication
CH7	Algebra – Expressions	<ul style="list-style-type: none">• Variables & constants• Simplifying expressions• Expanding & factoring
CH8	Unit of Measurement	<ul style="list-style-type: none">• Length, capacity, weight, temperature• Converting metric & imperial• Temperature (C to F)
CH9	Probability	<ul style="list-style-type: none">• Sample spaces• Compound events• Tree diagrams
CH10	Geometry	<ul style="list-style-type: none">• Lines & angles• Surface area• Volume of prisms/cylinders• Congruency