knowre math

Pre-Algebra - Current		Pre-Algebra - To be (Aug 2022)	
Lesson	**Lesson Title**	**Lesson**	**Lesson Title**
1-1	Introduction to Integers	1-1	Integers and Absolute Values
1-2	Adding and Subtracting Integers	1-2	Adding and Subtracting Integers
1-3	Multiplying and Dividing Integers	1-3	Multiplying and Dividing Integers
1-4	Order of Operations	1-4	Order of Operations with Integers
2-1	Prime Factorization	**	
2-2	Rational Numbers	1-5	Rational Numbers
2-3	Adding and Subtracting Fractions	1-6	Adding and Subtracting Fractions
2-4	Multiplying and Dividing Fractions	1-7	Multiplying and Dividing Fractions
2-5	Operations with Rational Numbers	1-8	Order of Operations with Rational Numbers
3-1	Variables and Expressions	2-1	Variables and Expressions
3-2	Operations and Variable Expressions	2-2	Operations and Variable Expressions
3-3	Properties of Numbers	2-3 2-4	Properties of Numbers Distributive Property
3-4	Order of Operations and Variable Expressions	2-5	Simplifying Algebraic Expressions
4-1	Exponent Properties	7-1 7-2 7-3	Integer Exponents Product of Powers Property Quotient of Powers Property
4-2	GCF and LCM of Variable Expressions	7-4	GCF and LCM of Variable Expressions
4-3	Fraction Operations with Variables	7-5	Fraction Operations with Variables
		7-6	Power of a Power Property
		7-7	Power of a Product and Quotient Properties
4-4	Scientific Notation	7-8 7-9	Scientific Notation and Standard Form Operations with Scientific Notation

5-1	Equations and Solving One-Step Equations	3-1	One-Step and Two-Step Equations
5-2	Solving Multi-Step Equations	3-2	Multi-Step Equations
5-3	Solving Equations with Fractions and Decimals	3-3	Equations with Rational Numbers
5-4	Writing and Graphing Inequalities	**	
		3-4	One-Step Addition and Subtraction Inequalities
5-5	Solving One-Step Inequalities	3-5	One-Step Multiplication and Division Inequalities
5-6	Solving Multi-Step Inequalities	3-6	Multi-Step Inequalities
6-1	Proportions	4-1	Proportions
6-2	Rates and Conversions	4-2	Rate Conversions
		11-7	Similarity
6-3	Similarity and Scale	4-3	Scale
		4-4	Fractions, Decimals, and Percents
6-4	Percents	4-5	Proportions and Equations with Percents
6-5	Percent Change	4-6	Percent Change
6-6	Discount and Markup	4-7	Discounts and Markups
		5-1	Input and Output
		5-2	Relations and Functions
7-1	Relations and Functions	5-3	Describing Functions
		5-4	Graphs of Linear Functions
7-2	Linear Functions	5-5	Rules for Linear Equations
		5-6	Direct Variation Graphs
7-3	Direct Variation	5-7	Direct Variation Tables and Equations
		6-1	Rate of Change
7-4	Rate of Change and Slope	6-2	Slope
		6-3	Slope-Intercept Form
7-5	Slope-Intercept Form	6-4	Writing and Graphing Equations in Slope-Intercept Form
		6-5	Solutions of Systems of Equations
		6-6	Graphing to Solve Systems of Equations
		6-7	Substitution to Solve Systems of Equations

8-1	Square and Cube Roots	8-1 8-2	Square Roots Cube Roots and Order of Operations
8-2	Rational and Irrational Numbers	8-3 8-4	Rational and Irrational Numbers Solving Equations with Squared Variables
8-3	Pythagorean Theorem	8-5	Pythagorean Theorem
8-4	Distance Between Points	8-6	Distance Between Points
9-1	Introduction to Geometry	9-1 9-2	Points and Lines Angles
9-2	Angle Relationships	9-3 9-4	Complementary and Supplementary Angles Linear Pairs and Vertical Angles
9-3	Parallel Lines and Angle Relationships	9-5	Parallel Lines and Angle Relationships
		10-1	Lengths of Sides in Triangles
9-4	Angles of Triangles	10-2 10-5	Angle Measures in Triangles Interior and Exterior Angles of Triangles
		10-3	Classifying Triangles
		10-4	Angle and Side Relationships in a Triangle
		10-6	Angles of Polygons
10-1	Translations	11-1 11-2	Introduction to Transformations Translations
10-2	Reflections	11-3	Reflections
10-3	Rotations	11-4	Rotations
10-4	Dilations	11-5	Dilations
		11-6	Congruence
11-1	Circumference and Area of Circles	12-1	Circumference and Area of Circles
11-2	Introduction to Solids	12-2	Naming Three-Dimensional Solids
11-3	Surface Area and Volume of Prisms and Cylinders	12-3 12-5	Surface Area of Cylinders and Right Prisms Volume of Cylinders and Prisms
11-4	Surface Area and Volume of Pyramids, Cones, and Spheres	12-4 12-6 12-7	Surface Area of Right Pyramids Volume of Pyramids and Cones Volume of Spheres

12-1	Introduction to Probability	13-1	Introduction to Probability
12-2	Experimental Probability	13-2	Experimental and Theoretical Probability
12-3	Theoretical Probability	13-2	Experimental and Theoretical Probability
12-4	Compound Events	13-3	Compound Events
12-5	Compound Probability	13-4	Compound Probability
12-6	Populations, Samples, and Inferences	13-5 13-6	Populations, Samples, and Bias Making Inferences Using Random Samples
		13-7	Simulations
		14-1	Measures of Center and Variation
		14-2	Comparative Inferences
		14-3	Reading Scatter Plots
		14-4	Lines of Fit
		14-5	Predicting with Lines of Fit

**Lesson is no longer practiced in the Pre-Algebra curriculum.