## EdReady Scope (formerly known as "Assessment")

It might be helpful to think of "Scope" as a synonym for "Curriculum" in EdReady.

	AE M	lath 1	AE Math 2	AE Math 3	AE	Math 4	
	NRS Level	NRS Level 2	11110	NRS Level 4	NRS Level 5	NRS Level 6	
Whole Numbers							
Introduction to Whole Numbers							
Place Value and Names for Whole Numbers	X						
Rounding Whole Numbers	X						
Comparing Whole Numbers	X						
Adding and Subtracting Whole Numbers							
Adding Whole Numbers and Applications	X	X					
Subtracting Whole Numbers and Applications	X	X					
Estimation	X	Х					
Multiplying and Dividing Whole Numbers							
Multiplying Whole Numbers and Applications	X	Х	X				
Dividing Whole Numbers and Applications	X	X	Х				
Properties of Whole Numbers							
Properties of Laws and Whole Numbers		Х					
The Distributive Property		Х	Х		Х	X	
Exponents, Square Roots, and Order of Operations							
Understanding Exponents and Square Roots			Х	Х	Х	X	
Order of Operations		Х	Х	Х	Х	X	
Fractions and Mixed Numbers							
Introduction to Fractions and Mixed Numbers							
Introduction to Fractions and Mixed Numbers		Х	X	Х	Х	X	
Proper and Improper Fractions		Х	Х	Х	Х	X	
Factors and Primes		Х	Х	Х	Х	X	
Simplifying Fractions		Х	Х	Х	Х	X	
Comparing Fractions		Х	Х	Х	Х	X	
Multiplying and Dividing Fractions and Mixed Numbers							
Multiplying Fractions and Mixed Numbers				Х	Х	X	
Dividing Fractions and Mixed Numbers				Х	Х	X	
Adding and Subtracting Fractions and Mixed Numbers							
Adding Fractions and Mixed Numbers				X	Х	Х	

Cubtracting Exactions and Missed Missed Alice				V	V	V
Subtracting Fractions and Mixed Numbers  Decimals				X	X	X
Introduction to Decimals						
Decimals and Fractions			X		X	X
		-		-		
Ordering and Rounding Decimals			X		X	Х
Decimal Operations						
Adding and Subtracting Decimals			X		X	X
Multiplying and Dividing Decimals			X		Х	X
Estimation with Decimals			X		X	X
Ratios, Rates and Proportions						
Ratio and Rates						
Simplifying Ratios and Rates				X	X	X
Proportions						
Understanding proportions				X	X	X
Percents						
Introduction to Percents						
Convert Percents, Decimals and Fractions				X	X	Х
Solving Percent Problems						
Solve Percent Problems				Х	Х	X
Measurement						
U.S. Customary Units of Measurement						
Length		X	X	X	X	Х
Weight		Х	X	Х	Х	Х
Capacity		Х	X	Х	Х	Х
Metric Units of Measurement						
The Metric System		Х	X	Х	Х	X
Converting within the Metric System		Х	X	Х	Х	Х
Using Metric Conversions to Solve Problems		Х	X	Х	Х	Х
Temperature						
Temperature Scales		Х	Х	Х	Х	Χ
Geometry						
Basic Geometric Concepts and Figures						
Figures in 1 and 2 Dimensions	X	Х	Х	Х	Х	Х
Properties of Angles		Х	Х	Х	Х	Х
Triangles			Х	Х	Х	Х
The Pythagorean Theorem			X	Х	Х	Х
Perimeter, Circumference, and Area						
Quadrilaterals			X	X	X	Х
			^	^	1	

Circles	Perimeter and Area	Х	Х	Х	Х	Х
Volume of Geometric Solids  Solids  X X X X X X X X X X X X X X X X X X X	Circles		Х	Х	Х	
Concepts in Statistics  Statistical Graphs and Tables  Graphing Data  Other Types of Graphs  Measures of Center  Measures of Center  Measures of Center  Wes and Misuse of Graphical Representations  Use and Misuse of Graphical Representations  Probability  Probability  Probability  Real Numbers  Introduction to Real Numbers  Integers  Rational and Real Numbers  Operations with Real Numbers  Adding Integers  Adding Integers  Adding Real Numbers  Subtracting Real Numbers  Multiplying and Dividing Real Numbers  Associative, Commutative and Distributive Laws  Solving Equations and Inequalities  Solving One-Step Equations Using Properties of Equality  Solving Inequalities  Solving Inequalities  Solving Inequalities  Solving Inequalities  Solving One-Step Inequalities  Solving Inequalities  Solving Inequalities  Solving Inequalities  Solving Inequalities  Solving One-Step Inequalities  Solving Inequalities  Solving Inequalities  Solving One-Step Inequalities  Solving Inequalities  Solving Inequalities  Solving Inequalities  Solving One-Step Inequalities  Solving Inequalities	Volume of Geometric Solids					
Concepts in Statistics  Statistical Graphs and Tables  Graphing Data  Other Types of Graphs  Measures of Center  Measures of Center  Measures of Center  Measures of Graphical Representations  Use and Misuse of Graphical Representations  Probability  Probability  Probability  Real Numbers  Introduction to Real Numbers  Introduction to Real Numbers  Variables and Expressions  Integers  Rational and Real Numbers  Operations with Real Numbers  Adding Integers  Adding Integers  Adding Real Numbers  Subtracting Real Numbers  Multiplying and Dividing Real Numbers  Associative, Commutative and Distributive Laws  Simplifying Expressions  Order of Operations  Solving Equations and Inequalities  Solving One-Step Equations Using Properties of Equality  Solving Inequalities  Solving Inequalities  Solving One-Step Inequalities  Solving Inequalities  Solving One-Step Inequalities  Solving Inequalities  Solving One-Step Inequalities  Solving One-Step Inequalities  Multi-Step Inequalities  Solving One-Step Inequalities	Solids	Х	Х	Х	Х	Х
Some	Concepts in Statistics					
Other Types of Graphs         X	Statistical Graphs and Tables					
Measures of Center       X	Graphing Data	Some	Х	Х	Х	Х
Measures of Center       X       X       X       X         Graphical Representations       Use and Misuse of Graphical Representations       X	Other Types of Graphs	X	Х	Х	Х	Х
Graphical Representations  Use and Misuse of Graphical Representations  Probability  Probability  Real Numbers  Introduction to Real Numbers  Variables and Expressions  Integers  Adding Integers  Adding Integers  Adding Real Numbers  Subtracting Real Numbers  Wultiplying and Dividing Real Numbers  Associative, Commutative and Distributive Laws  Solving Equations  Solving Equations  Solving Gne-Step Equations  Solving Inequalities  X X X X X X X X X X X X X X X X X X X	Measures of Center					
Use and Misuse of Graphical Representations  Probability Probability Real Numbers Introduction to Real Numbers Variables and Expressions Integers Adding Integers Adding Integers Adding Real Numbers  Subtracting Real Numbers  X X X X X X X X X X X X X X X X X X X	Measures of Center		X	Χ	Х	Х
Probability Probability Real Numbers Introduction to Real Numbers Variables and Expressions Variables Variab	Graphical Representations					
Probability Real Numbers Introduction to Real Numbers Variables and Expressions Variables and Real Numbers Variables Washing Integers Variables Va	Use and Misuse of Graphical Representations			Х	Х	X
Real Numbers Introduction to Real Numbers  Variables and Expressions  Variables and Expressions  XXXXX  Integers  XXXXX  Rational and Real Numbers  Operations with Real Numbers  Adding Integers  XXXXX  Adding Real Numbers  XXXXX  Adding Real Numbers  XXXXX  Autitiplying and Dividing Real Numbers  XXXXX  Properties of Real Numbers  Associative, Commutative and Distributive Laws  XXXXX  Simplifying Expressions  Order of Operations  Solving Equations  Solving Equations  Solving Equations  Solving Multi-Step Equations  Special Cases and Applications  Solving Inequalities  Solving Inequalities  Solving One-Step Inequalities  Solving One-Step Inequalities  XXXXX  XXXXX  XXXXXXXXXX  XXXXXXXXXX	Probability					
Introduction to Real Numbers  Variables and Expressions  Variables and Expressions  XXXX  Integers  XXXX  Rational and Real Numbers  XXXX  Operations with Real Numbers  Adding Integers  XXXX  Adding Real Numbers  XXXX  XXX  Adding Real Numbers  XXXX  Autitiplying and Dividing Real Numbers  XXXX  XXX  Properties of Real Numbers  XXXXX  XXX  Simplifying Expressions  Order of Operations  Solving Equations and Inequalities  Solving Guations  Solving One-Step Equations  Solving Inequalities  Solving Inequalities  Solving Inequalities  Solving Inequalities  Solving Inequalities  Solving One-Step Inequalities  XXXXX  XXXXX  XXXXXX  XXXXXXX  XXXXXX	Probability		X	Х	Х	Х
Variables and Expressions  X X X  Integers  Rational and Real Numbers  Operations with Real Numbers  Adding Integers  Adding Integers  X X X  Adding Real Numbers  X X X  Subtracting Real Numbers  X X X  Multiplying and Dividing Real Numbers  X X X  Properties of Real Numbers  Associative, Commutative and Distributive Laws  Simplifying Expressions  Order of Operations  Solving Equations and Inequalities  Solving Equations  Solving One-Step Equations  Solving Multi-Step Equations  Solving Inequalities  Solving Inequalities  Solving One-Step Inequalities  Solving One-Step Inequalities  Solving One-Step Inequalities  X X X  X X  X X  X X  X X  X X  X X X  X X X  X X X X  X X X X  X X X X X  X X X X X X  X	Real Numbers					
Integers X X X Rational and Real Numbers X X X Operations with Real Numbers  Adding Integers X X X Adding Real Numbers X X X Subtracting Real Numbers X X X Multiplying and Dividing Real Numbers X X X Properties of Real Numbers X X X Simplifying Expressions Order of Operations X X X X Solving Equations Solving Equations Solving One-Step Equations Solving Inequalities Solving One-Step Inequalities	Introduction to Real Numbers					
Rational and Real Numbers  Operations with Real Numbers  Adding Integers  X X X  Adding Real Numbers  X X X  Subtracting Real Numbers  X X X  Multiplying and Dividing Real Numbers  X X X  Properties of Real Numbers  Associative, Commutative and Distributive Laws  X X X  Simplifying Expressions  Order of Operations  X X X X  Solving Equations  Solving Equations  Solving One-Step Equations  X X X X  Special Cases and Applications  X X X X  Solving Inequalities  Solving One-Step Inequalities  Solving One-Step Inequalities  X X X  X  X  X  X  X  X  X  X  X  X  X	Variables and Expressions			Х	Х	X
Operations with Real Numbers       X       X       X       X         Adding Integers       X       X       X       X         Adding Real Numbers       X       X       X         Subtracting Real Numbers       X       X       X         Multiplying and Dividing Real Numbers       X       X       X         Associative, Commutative and Distributive Laws       X       X       X         Simplifying Expressions       X       X       X       X         Order of Operations       X       X       X       X         Solving Equations       X       X       X       X         Solving One-Step Equations Using Properties of Equality       X       X       X         Solving Multi-Step Equations       X       X       X         X pecial Cases and Applications       X       X       X         X promulas       X       X       X         Solving Inequalities       X       X       X         Solving One-Step Inequalities       X       X       X         Multi-Step Inequalities       X       X       X	Integers			Х	Х	X
Adding Integers  Adding Real Numbers  XXXX  Subtracting Real Numbers  XXXX  Multiplying and Dividing Real Numbers  XXXX  Properties of Real Numbers  Associative, Commutative and Distributive Laws  XXXX  Simplifying Expressions  Order of Operations  XXXXX  Solving Equations and Inequalities  Solving One-Step Equations Using Properties of Equality  XXXX  XXXX  XXXX  XXXXX  XXXXX  XXXXX  XXXX	Rational and Real Numbers			Х	Х	X
Adding Real Numbers  Adding Real Numbers  X X X  Subtracting Real Numbers  X X X  Multiplying and Dividing Real Numbers  X X X  Properties of Real Numbers  Associative, Commutative and Distributive Laws  X X X X  Simplifying Expressions  Order of Operations  X X X X X  Solving Equations and Inequalities  Solving Equations  Solving One-Step Equations Using Properties of Equality  X X X X  Special Cases and Applications  Formulas  Solving Inequalities  Solving One-Step Inequalities  Solving One-Step Inequalities  X X X  Multi-Step Inequalities  X X X  Multi-Step Inequalities  X X X  X	Operations with Real Numbers					
Subtracting Real Numbers  X X X  Multiplying and Dividing Real Numbers  X X X  Properties of Real Numbers  Associative, Commutative and Distributive Laws  X X X X  Simplifying Expressions  Order of Operations  X X X X X  Solving Equations and Inequalities  Solving Equations  Solving One-Step Equations Using Properties of Equality  X X X  Special Cases and Applications  X X X X  Solving Inequalities  Solving Inequalities  Solving One-Step Inequalities  X X X  X  X  X  X  X  X  X  X  X  X  X	Adding Integers			X	Х	X
Multiplying and Dividing Real Numbers  Properties of Real Numbers  Associative, Commutative and Distributive Laws  XXXX  Simplifying Expressions  Order of Operations  Solving Equations and Inequalities  Solving Equations  Solving One-Step Equations Using Properties of Equality  XXXX  XXXX  XXXX  XXXX  XXXX  XXXX  XXXX	Adding Real Numbers			X	Х	X
Properties of Real Numbers  Associative, Commutative and Distributive Laws  X X X X  Simplifying Expressions  Order of Operations  Solving Equations and Inequalities  Solving Equations  Solving One-Step Equations Using Properties of Equality  X X X X  X  Solving Multi-Step Equations  Special Cases and Applications  X X X X  Formulas  Solving Inequalities  Solving One-Step Inequalities  X X X  Multi-Step Inequalities  X X X X	Subtracting Real Numbers			Х	Х	X
Associative, Commutative and Distributive Laws  Simplifying Expressions  Order of Operations  Solving Equations and Inequalities  Solving One-Step Equations Using Properties of Equality  Solving Multi-Step Equations  X X X X X X X X X X X X X X X X X X X	Multiplying and Dividing Real Numbers			Х	Х	X
Simplifying Expressions  Order of Operations  X X X X  Solving Equations and Inequalities  Solving Equations  Solving One-Step Equations Using Properties of Equality  X X X  Solving Multi-Step Equations  X X X X  Special Cases and Applications  X X X X  Formulas  Solving Inequalities  Solving One-Step Inequalities  X X X X  Multi-Step Inequalities  X X X X	Properties of Real Numbers					
Order of Operations X X X X X X Solving Equations and Inequalities  Solving Equations  Solving One-Step Equations Using Properties of Equality X X X X X X Solving Multi-Step Equations X X X X X X X X X X X X X X X X X X X	Associative, Commutative and Distributive Laws		X	X	X	X
Solving Equations       Solving Equations         Solving One-Step Equations Using Properties of Equality       X       X       X         Solving Multi-Step Equations       X       X       X         Special Cases and Applications       X       X       X         Formulas       X       X       X         Solving Inequalities       X       X       X         Multi-Step Inequalities       X       X       X	Simplifying Expressions					
Solving Equations         Solving One-Step Equations Using Properties of Equality       X       X       X         Solving Multi-Step Equations       X       X       X         Special Cases and Applications       X       X       X         Formulas       X       X       X         Solving Inequalities       X       X       X         Multi-Step Inequalities       X       X       X	Order of Operations		Х	X	Х	X
Solving One-Step Equations Using Properties of Equality  X X X  Solving Multi-Step Equations  X X X  Special Cases and Applications  X X X  Formulas  Solving Inequalities  Solving One-Step Inequalities  X X X  Multi-Step Inequalities	Solving Equations and Inequalities					
Solving Multi-Step Equations  X X X  Special Cases and Applications  X X X  Formulas  Solving Inequalities  Solving One-Step Inequalities  X X X  Multi-Step Inequalities  X X X  X	Solving Equations					
Special Cases and Applications  X X X  Formulas  Solving Inequalities  Solving One-Step Inequalities  X X X  Multi-Step Inequalities  X X X  X	Solving One-Step Equations Using Properties of Equality			X	Х	Х
Formulas X X X  Solving Inequalities  Solving One-Step Inequalities X X X  Multi-Step Inequalities X X X X	Solving Multi-Step Equations			X	X	X
Solving Inequalities  Solving One-Step Inequalities  X X X  Multi-Step Inequalities  X X X	Special Cases and Applications			X	X	X
Solving One-Step Inequalities X X X  Multi-Step Inequalities X X X	Formulas			X	X	X
Multi-Step Inequalities X X X	Solving Inequalities					
	Solving One-Step Inequalities			X	X	X
Compound Inequalities and Absolute Value	Multi-Step Inequalities			X	X	X
	Compound Inequalities and Absolute Value					

Compound Inequalities		Χ	Χ	Х
Equations and Inequalities and Absolute Value		X	Χ	X
Exponents and Polynomials				
Integer Exponents				
Exponential Notation	X	X	Χ	Х
Simplify by using the Product, Quotient and Power Rules	X	Х	Χ	Х
Products and Quotients Raised to Powers	X	Х	Χ	Х
Scientific Notation	X	Х	Χ	Х
Polynomials with Single Variables				
Introduction to Single Variable Polynomials			Χ	Х
Adding and Subtracting Polynomials			Х	Х
Multiplying Polynomials			Х	Х
Multiplying Special Cases			Х	Х
Dividing by a Monomial			Х	Х
Dividing by Binomials and Polynomials			Х	Х
Polynomials with Several Variables				
Simplifying Polynomials with More than One Term			Χ	Х
Operations with Polynomials			Х	Х
Factoring				
Introduction to Factoring				
Greatest Common Factor				Х
Factoring Polynomials				
Factor Trinomials				Х
Factoring: Special Cases				Х
Special Cases: Cubes				Х
Solving Quadratic Equations				
Solve Quadratic Equations by Factoring				Х
Graphing				
Graphs and Applications				
The Coordinate Plane	X	Х	Х	Х
Graphing Linear Equations	X	Х	Х	Х
Slope and Writing the Equation of a Line				
Finding the slope of a line.			Х	Х
Writing the Equation of a Line			Х	Х
Parallel and Perpendicular Lines			Х	Х
Graphing Linear Inequalities			Х	Х
Systems of Equations and Inequalities				
Graphing Systems of Equations and Inequalities				

Graphing Systems of Linear Equations			
Graphing Systems of Inequalities			
Algebraic Methods to Solve Systems of Equations			
The Substitution Method			
The Elimination Method			
Systems of Equations in three or more variables			
Solving Systems of Three Variables			
Rational Expressions			
Operations with Rational Expressions			
Introduction to Rational Expressions	X	X	X
Multiplying and Dividing Rational Expressions	X	Х	X
Adding and Subtracting Rational Expressions	X	X	X
Complex Rational Expressions		X	X
Rational Equations			
Solving Rational Equations and Applications		X	X
Formulas and Variation			
Rational Formulas and Variation		X	X
Radical Expressions and Quadratic Equations			
Introduction to Roots and Rational Exponents			
Roots			X
Squares, Cubes and Beyond			X
Rational Exponents			X
Operations with Radicals			
Multiplying and Dividing Radical Expressions			X
Adding and Subtracting Radicals			X
Multiplication of Multiple Term Radicals			X
Rationalizing Denominators			X
Radical Equations			
Solving Radical Equations			X
Complex Numbers			
Complex Numbers			X
Operations with Complex Numbers			X
Solving Quadratic Equations			
Square Roots and Completing the Square			X
The Quadratic Formula			X
Functions			
Introduction to Functions			
Identifying Functions			X

Using Functions		
Evaluating functions		X
Graphing types of functions		X
Finding Domain and range		X
Operations with Functions		
Arithmetic operations with functions		X
Exponential and Logarithmic Functions		
Exponential Functions		
Introduction to Exponential Functions		X
Logarithmic Functions		
Introduction to Logarithmic Functions		
Properties of Logarithmic Functions		
Natural Logarithms		
Introduction to Natural and Common Logarithms		
Logarithmic and Exponential Equations		
Solving equations		
Modeling with Exponential and Logarithmic Functions		