

Paradigm Math 1 Correlation to Utah Core Standards

Concept Name	Utah Core Standards
Basic Operations	
Decimals, Fractions, Integers, Order of Operations, Least Common Multiple, Greatest Common Factor, Scientific Notation	I.1.N.Q.3
Proportion & Probability	
Rate, Ratio, Proportion & Percent	I.1.N.Q.2 I.2.F.IF.6
Probability, Sequences and Patterns	I.2.F.BF.2 I.2.F.LE.2 I.2.F.IF.3
Variable Manipulation	
Exponents & Square Roots	I.1.A.CED.1
Inequalities and Absolute Value	I.1.A.CED.3 I.3.A.REI.3
Linear & Exponential Equations & Functions from Contextual Situations	I.1.A.CED.1 I.1.N.Q.1 I.2.F.LE.5
Data Collection, Representation & Interpretation	I.2.F.LE.1 I.4.S.ID.9 I.4.S.ID.1 I.4.S.ID.2 I.4.S.ID.3 I.4.S.ID.5 I.4.S.ID.6
One & Two Variable Linear Equations	I.2.A.REI.10 I.2.A.REI.12
Multi-Step Linear Equations	I.1.A.CED.4
Algebraic Operations in Contextual Situations	I.1.A.SSE.1 I.3.A.REI.1
Substitution in Algebraic Expressions	I.1.A.CED.1
Functions, Relationships and Systems of Equations	I.2.F.BF.1 I.2.F.LE.3 I.2.A.REI.1 I.3.A.REI.5 I.3.A.REI.6
Exponential Equations	I.1.A.CED.1 I.2.F.IF.7 I.2.A.RIE.10
Plane Geometry	
Angles	I.5.G.CO.8 I.6.G.GPE.4

Perimeter, Circumference, Area, Volume	I.6.G.GPE.7 I.5.G.CO.13 I.1.N.Q.1
Triangles—Pythagorean Theorem, Inscribed, Congruent	I.5.G.CO.7 I.5.G.CO.8
Circles—Inscribed, Tangents, Area, Circumference	I.5.G.CO.13
Parallelograms, Trapezoids & Other Planar Shapes	I.5.G.CO.3
Coordinate Geometry	
Functions—Notation, Domain & Range	I.2.F.LE.5 I.2.F.IF.5 I.2.F.IF.1 I.2.F.IF.2
Graphs—Linear and Exponential (from graphs, algebraic notation, tables & descriptions)	I.1.A.CED.2 I.2.F.IF.7 I.2.F.BF.1 I.2.A.REI.10
Graphs—Intercepts, Slope, Area	I.2.F.IF.9 I.6.G.GPE.4
Graphs—Midpoints, Distance, Parallel & Perpendicular	I.5.G.CO.1 I.6.G.GPE.4 I.6.G.GPE.5 I.6.G.GPE.7
Graphs—Interpretation, Rate of Change,	I.1.N.Q.1 I.2.F.IF.4 I.2.F.IF.6
Graphs—Circles and Curves	I.2.A.REI.10
Graphing Inequalities	I.1.A.CED.3
Slope and Intercepts	I.2.F.IF.7 I.2.F.IF.9 I.4.S.ID.7
Geometric Constructions	I.5.G.CO.12 I.6.G.GPE.4
Symmetry, Reflections, Rotations, Translations, Dilations	I.5.G.CO.2 I.5.G.CO.3 I.5.G.CO.4 I.5.G.CO.5 I.5.G.CO.6
Standards Not Included	
Law of Syllogism, writing conditional statements, counter-examples for conjecture, if and only if statements.	I.5.G.H.1
Compute correlation coefficient using technology	I.4.S.ID.8