

Illinois Model Curriculum Scope & Sequence

Grade/Course: 6<sup>th</sup> Grade Math

Unit	Focus Standards	Connecting Standards	Approximate Time Frame
<b>1) Fractions</b>	6.NS.1 (Quotients of fractions)		
<b>2) Decimals</b>	6.NS.2 (Divide multi-digit numbers) 6.NS.3 (Operations on decimals)		
<b>3) Ratios, Rates, and Percent</b>	6.RP.1 (Ratios) 6.RP.2 (Unit rate) 6.RP.3 (Solve real-world ratio problems) 6.EE.9 (Independent and dependent variables)		
<b>4) Rational Numbers</b>	6.NS.5 (Positive & Negative numbers in real world contexts) 6.NS.6 (Rational numbers on number line and coordinate plane) 6.NS.7 (Ordering and absolute value) 6.NS.8 (Solving real-world problems by graphing in coordinate plane) 6.G.3 (Draw polygons in coordinate plane)		
<b>5) Expressions</b>	6.EE.1 (Numerical expressions with exponents) 6.EE.2 (Variable expressions) 6.EE.3 (Generate equivalent expressions) 6.EE.4 (Identify equivalent expressions) 6.NS.4 (GCF, LCM & Distributive property with expressions)		
<b>6) Equations and Inequalities</b>	6.EE.5 (True equations and inequalities) 6.EE.6 (Write expression with variables when solving real-world problems) 6.EE.7 (Solve real-world problems using equations) 6.EE.8 (Write and understand inequalities) 6.EE.9 (Independent and dependent variables)		
<b>7) Geometry</b>	6.G.1 (Area of polygons) 6.G.2 (Volume of prisms by packing and using the formula) 6.G.4 (Nets of 3-D figures and surface area)		
<b>8) Statistics</b>	6.SP.1 (Statistical questions) 6.SP.2 (Distributions have center, spread and overall shape) 6.SP.3 (Measures of center and variability) 6.SP.4 (Display data) 6.SP.5 (Summarize data)	6.RP.3b	

# Illinois Model Curriculum Scope & Sequence

<b>9) Formulas and Graphs</b>	<b>6.EE.9</b> (Independent and dependent variables) <b>6.NS.8</b> (Solving real-world problems by graphing in coordinate plane) <b>6.SP.4</b> (Display data) <b>6.G.2</b> (Volume of prisms by packing and using the formula)	<b>6.G.3</b>	
-------------------------------	--	--------------	--