Illinois Model Curriculum Scope & Sequence

Grade/Course: 7th Grade Math

Unit	Focus Standards	Connecting Standards	Approximate Time Frame
1) Rational Number Operations	7.NS.1 (Add and subtract rational numbers) 7.NS.2 (Multiply and divide rational numbers) 7.NS.3 (Solve real-world problems with rational numbers)	7.EE.2	
2) Expressions	7.EE.1 (Add, subtract, factor, expand linear expressions) 7.EE.2 (Understand rewriting expressions as strategy for solving in context)	7.NS.1 7.NS.2	
3) Equations and Inequalities	7.EE.3 (Solve multi-step real-world problems and convert between forms in context.) 7.EE.4 (Solve real-world problems involving equations and inequalities.)	7.NS.1 7.NS.2	
4) Ratios & Proportionality	7.RP.1 (Unit rates) 7.RP.2 (Proportional Relationships)		
5) Ratio & Proportion Applications	7.RP.3 (Solve multi-step ratio and percent problems) 7.G.1 (Scale Drawing)		
6) Geometric Measurement	7.G.2 (Draw geometric shapes with given conditions) 7.G.3 (Describe 2-D figures resulting from slicing 3-D figures) 7.G.5 (Solve equations for unknown angle) 7.G.6 (Solve real-world problems involving area, volume and surface area)	7.EE.2 7.EE.3 7.EE.4	
7) Data Distributions	7.SP.1 (Sample populations) 7.SP.2 (Interpret random sample data) 7.SP.3 (Visual overlap of data distributions) 7.SP.4 (Measures of center and variability with 2 populations)	7.NS.1 7.NS.2 7.NS.3 7.EE.2 7.EE.3	
8) Probability	7.SP.5 (Probability of chance event) 7.SP.6 (Collect data on chance process) 7.SP.7 (Develop probability model) 7.SP.8 (Find probabilities of compound events)	7.NS.1 7.NS.2 7.NS.3 7.EE.2 7.EE.3	

Priority Standards   Supporting Standards   Additional Standards