Illinois Model Curriculum Scope & Sequence
Math 1

Unit	Focus Standards	Connecting Standards	Approximate Time Frame
1. Expressions, Equations, and Inequalities	A.SSE.1a (Interpret parts of expressions/equations) A.REI.3 (Solve equations) *A.CED.4* (Rearrange expressions)	N.Q.1 (Use units) N.Q.2 (Use appropriate quantities) N.Q.3 (Choose levels of accuracy)	2-3 weeks
2. Geometry	G.CO.6 (Use rigid motions) G.CO.7 (Show congruent triangles) G.CO.8 (Explain triangle congruency) G.CO.9 (Prove theorems about lines & angles) G.CO.10 (Prove theorems about triangles) G.CO.11 (Prove theorems about quadrilaterals)	G.CO.1 (Know definitions) G.CO.2 (Represent transformations) G.CO.3 (Describe rotations & reflections) G.CO.4 (Develop definitions) G.CO.5 (Draw transformed figures)	9-10 weeks
3. Introduction to Function Notation	F.IF.1 (Understand functions) F.IF.2 (Use functions) F.IF.4 (Interpret key features) F.IF.5 (Relate domain) F.IF.6 (Calculate & interpret average rate of change) (include square root, cube root, piecewise, step, absolute value)	F.IF.3 (Recognizing sequences as functions)	2 weeks
4. Interpreting Functions	F.IF.4 (Interpret key features) F.IF.5 (Relate domain) F.IF.6 (Calculate & interpret average rate of change)	G.CO.2 (Represent transformations)	1-2 weeks
5. Sequences and Linear Relations	F.IF.3 (Recognizing sequences as functions) F.BF.2 (Combine functions) A.REI.10 (Understand graphs) A.CED.1 (Create equations in 1 variable) A.CED.2 (Create equations in 2 variables) F.LE.2 (Construct functions)	F.IF.7a (Graph & show key features) F.LE.1a (Prove growth differences)	3-4 weeks

Underlined standards are repeated in multiple units.
Bold standard is assessed on PBA/MYA and is taught after 75% of the year. However, content on PBA/MYA is consistent with 8.EE.1.

Priority Standards   Supporting Standards   Additional Standards

6. Linear Modeling	A.SSE.1a (Interpret parts of expressions/equations) A.CED.1 (Create equations in 1 variable) A.CED.2 (Create equations in 2 variables) A.CED.3 (Represent constraints) *A.CED.4* (Rearrange expressions) F.IF.4 (Interpret key features) F.IF.5 (Relate domain) F.IF.6 (Calculate & interpret average rate of change) F.BF.1a (Determine steps from a context) A.REI.12 (Graph using ½ planes) (include linear piecewise and absolute value, step)	N.Q.1 (Use units) N.Q.2 (Use appropriate quantities) N.Q.3 (Choose levels of accuracy) F.IF.7a (Graph & show key features) *F.IF.7b* (Graph functions)	3-4 weeks
7. Systems	A.CED.3 (Represent constraints) A.REI.11 (Explain solutions) A.REI.12 (Graph using ½ planes)	A.REI.5 (Prove systems) A.REI.6 (Solve systems)	1-2 weeks
8. Statistics	S.ID.7 (Interpret slope) S.ID.8 (Compute & interpret correlation coefficient) S.ID.9 (Distinguish between correlation and causation)	S.ID.1 (Represent data) S.ID.2 (Use statistics) S.ID.3 (Interpret differences) S.ID.5 (Summarize data) S.ID.6a (Represent data) S.IC.6c (Fit a linear function)	2-3 weeks
9. Representations of Exponential Functions	F.IF.3 (Recognizing sequences as functions) F.BF.2 (Write sequences) A.REI.10 (Understand graphs) A.SSE.1a (Interpret parts of expressions/equations) A.SSE.1b (Interpret parts of expressions/equations) F.LE.1a (Prove growth differences) F.LE.1b (Recognize patterns in changes) F.LE.1c (Recognize patterns in changes of rate) F.LE.2 (Construct functions)	F.IF.9 (Compare properties)	2 weeks
10. Comparing Mathematical Models	F.LE.3 (Observe trends in graphs) F.IF.4 (Interpret key features) F.IF.5 (Relate domain) F.IF.6 (Calculate & interpret average rate of change) A.CED.1 (Create equations in 1 variable) F.BF.1a (Determine steps from a context)	S.ID.6a (Represent data) F.LE.5 (Interpret parameters) **A.SSE.3c** (Use properties of Exponents)	2-3 weeks

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Priority Standards   Supporting Standards   Additional Standards