

Illinois Model Curriculum Scope & Sequence

Math 2

Unit	Focus Standards	Connecting Standards	Time Frame (Approx.)
1) Extending the Number System	N.RN.1 (PBA/MYA) N.RN.2 (PBA/MYA), (EOY) N.RN.3 (PBA/MYA), (EOY) A.CED.1 (PBA/MYA)		2-3 weeks
2) Quadratic Functions: Representations & Transformations	A.SSE.3 (PBA/MYA), (EOY) F.IF.6 (EOY) A.APR.1 (PBA/MYA), (EOY) F.IF.7a (PBA/MYA), (EOY) F.IF.8a (PBA/MYA), (EOY) F.IF.9 (EOY) F.BF.3 (PBA/MYA), (EOY) A.SSE.1b (PBA/MYA), (EOY) A.SSE.2 (EOY)		4-5 weeks
3) Quadratic Functions: Working with Equations	A.SSE.3a (PBA/MYA), (EOY) A.SSE.3b (PBA/MYA), (EOY) A.REI.4a (PBA/MYA), (EOY) N.CN.1 (PBA/MYA), (EOY) N.CN.2 (PBA/MYA), (EOY) N.CN.7 (PBA/MYA), (EOY) A.REI.7 (PBA/MYA), (EOY) A.REI.4b (PBA/MYA), (EOY) A.CED.4 (EOY) A.REI.1 (PBA/MYA)	A.SSE.1b (PBA/MYA), (EOY) A.SSE.2 (EOY) N.Q.2	4-5 weeks
4) Quadratic Functions: Modeling	F.IF.4 (PBA/MYA), (EOY) F.IF.5 (PBA/MYA), (EOY) F.IF.6 (EOY) A.CED.1 (PBA/MYA) A.CED.2 (PBA/MYA) F.BF.1 (EOY)	A.CED.4 (PBA/MYA)	2-3 weeks
5) Comparing Functions and Modeling	F.LE.3 F.BF.3 (PBA/MYA), (EOY) F.IF.7a (PBA/MYA), (EOY) F.IF.7e (EOY) F.IF.8 (PBA/MYA) F.IF.6 (EOY) S.ID.6a (EOY) S.ID.6b (EOY)	F.BF.1a (PBA/MYA) F.IF.8 (PBA/MYA) F.IF.9 (EOY)	2-3 weeks
6) Similarities and Volume	G.SRT.1 (PBA/MYA), (EOY) G.SRT.2 (PBA/MYA), (EOY) G.SRT.3 (PBA/MYA) G.SRT.4 (PBA/MYA) G.SRT.5 (PBA/MYA), (EOY) G.GMD.1 (EOY)		4-5 weeks

Major Standards

Supporting Standards

Additional Standards

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	G.GMD.3 (EOY)		
7) Right Triangles and Trigonometry	G.SRT.6 (PBA/MYA), (EOY) G.SRT.7 (PBA/MYA), (EOY) G.SRT.8 (PBA/MYA), (EOY)		4-5 weeks
8) Probability	S.CP.1 (EOY) S.CP.2 (EOY) S.CP.3 (EOY) S.CP.4 (EOY) S.CP.5 (EOY) S.CP.6 (EOY) S.CP.7 (EOY)		3-4 weeks
9) Circles	G.C.1 (EOY) G.C.2 (EOY) G.C.3 (EOY) G.C.5 (EOY) G.GPE.1 (EOY)	A.SSE.2 (EOY) A.SSE.3 (EOY)	3-4 weeks