

**EngageNY Algebra Year 1 of 1(MES21) - 9th Grade
Curriculum Pacing Overview & Assessment Map**

Algebra I EngageNY - One Year Course						
Intro Unit	M1	M3	M2	M4	M5	Regents Review
7 Days	38 Days	26 Days	23 Days	39 Days	12 Days	19 Days
September	Sept - Nov	Nov - Jan	Jan - Feb	Feb - May	May	May - June
Semester 1			Semester 2			

Time Frame	Module / Topic	Standards	Assessments
September 7 - September 15	Introductory Unit: Foundations of Mathematical Habits & Skills; Team Building Exercises; Growth Mindset	MP1, MP3, MP6	-Math Autobiography -Team Building Exercises -Three Levels of Text Protocol on Standards of Math Practices -Growth Mindset Unit
Baseline Assessment			
September 18 - September 29	Module 1 Topic A: Introduction to Functions Studied This Year	N.Q.1,N.Q.2, N.Q.3, A-CED.2	
October 2 - October 6	Module 1 Topic B: The Structure of Expressions	A.SSE.2, A.APR.1	
October 10 - October 31	Module 1 Topic C & D: Solving Equations & Inequalities (One Variable)	A.REI.1, A.REI.3, A.CED.1, A.CED.4	
November 1 - November 15	Module 1 Topic C & D: Solving Equations & Inequalities (Systems)	A.CED.3, A.REI.5, A.REI.6, A.REI.10, A.REI.12	
November 16 -	Module 3 Topic A and B: Linear &	F-IF.1, F-IF.2, F-IF.3, F-IF.4, F-IF.5, F-IF.6,	

December 15	Exponential Sequences, Functions & Their Graphs	F-IF.7a, F-BF.1, F-LE.1, F-LE.1a, F-LE.1b, F-LE.1c, F-LE.2, F-LE.3	
December 18 - January 5	Module 3 Topic C: Transformations of Functions	A.REI.11, F-IF.7.b, F.BF.3	
January 8 - January 19	Module 2 Topic A and B: Shapes & Centers of Distribution	S.ID.1, S.ID.2, S.ID.3	
Finals			
January 30 - February 15	Module 2 Topic C and D: Categorical and Numerical data on Two variables	S.ID.5, S.ID.6, S.ID.6a, S.ID.6b, S.ID.6c, S.ID.7, S.ID.8, S.ID.9	
February 26 - March 21	Module 4 Topic A: Quadratic Expressions, Equations, Functions, and Their Connection to Rectangles	A.SSE.1, A.SSE.2, A.SSE.3a, A.APR.1, A.APR.3, A.CED.1, A.CED.2, A.REI.4b, A.REI.11, F-IF.4, F-IF.5, F-IF.6, F-IF.7a	
March 22 - April 20	Module 4 Topic B: Using Different Forms for Quadratic Functions	N.RN.3, A.SSE.1, A.SSE.1a, A.SSE.1b, A.SSE.2, A.SSE.3, A.SSE.3a, A.SSE.3b, A.APR.3, A.CED.1, A.CED.2, A.REI.4, A.REI.4a, F-IF.4, F-IF.6, F-IF.7a, F-IF.8a	
April 23 - May 2	Module 4 Topic C: Function Transformations & Modeling	A.CED.2, F-IF.6, F-IF.7b, F-IF.8a, F-IF.9, F.BF.3	
May 3 - May 18	Module 5: Elements of Modeling / The Modeling Cycle	In this module all of the standards are considered modeling standards (indicated by a ★ in EngageNY). According to the CCLS, Modeling is best interpreted not as a collection of isolated topics but rather in relation to other standards. Making mathematical models is a Standard for Mathematical Practice. N.Q.2, N.Q.3, A.CED.1, A.CED.2, F-IF.4, F-IF.5, F-IF.6, F.BF.1, F-LE.1, F-LE.2	
May 21 - June 11	Regents Review		
End of Year Assessment			

