Algebra 2 and Honors Algebra 2

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 9
	CHAPTER 1: LINEAR AND ABSOLUTE VALUE FUNCTIONS	CHAPTER 2: QUADRATIC FUNCTIONS	CHAPTER 3: CUBIC FUNCTIONS	CHAPTER 10: MATRICES	CHAPTER 4: RATIONAL EXPONENTS AND RADICAL FUNCTIONS	CHAPTER 5: EXPONENTIAL AND LOGARITHMIC FUNCTIONS	CHAPTER 6: PROBABILITY	CHAPTER 7/8: DATA ANALYSIS	CHAPTER 9: SEQUENCES
	10-12 Days	*12-13 Days*	*9-10 Days*	*5-6 Days*	*9-10 Days*	*8-9 Days*	*6-7 Days*	*5-6 Days*	*4-5 Days (Sequence Chapter may be taught as mini-lessons along side linear functions and exponential function lessons)*
Objective(s) / Essential Question(s)	*Understand linear functions.*	*Understand quadratic functions and quadratic equations*	*Understand polynomial functions.*	*Understand matrices.*	*Understand rational exponents and radical functions*	*Understand exponential and logarithmic functions.*	*Understand probability.*	*Understand data analysis and statistics*	*Understand sequences.*
INSTRUCTIONAL MATERIALS	**Big Ideas Textbook** Online Resources: Desmos Calculator, MyOpenMath, and IXL	**g Ideas Textbook** Online Resources: Desmos Calculator, MyOpenMath, and IXL	**Big Ideas Textbook** Online Resources: Desmos Calculator, MyOpenMath, and IXL	**ig Ideas Textbook** Online Resources: Desmos Calculator, MyOpenMath, and IXL	**g Ideas Textbook** Online Resources: Desmos Calculator, MyOpenMath, and IXL	**g Ideas Textbook** Online Resources: Desmos Calculator, MyOpenMath, and IXL	**g Ideas Textbook** Online Resources: Desmos Calculator, MyOpenMath, and IXL	**g Ideas Textbook** Online Resources: Desmos Calculator, MyOpenMath, and IXL	**g Ideas Textbook** Online Resources: Desmos Calculator, MyOpenMath, and IXL
MAJOR TASKS, ASSESSMENTS, and FIELD TRIPS	At the conclusion of the chapter, students will be evaluated through a common summative assessment.	Green Monster Task At the conclusion of the chapter, students will be evaluated through a common summative assessment.	At the conclusion of the chapter, students will be evaluated through a common summative assessment.	At the conclusion of the chapter, students will be evaluated through a common summative assessment.	At the conclusion of the chapter, students will be evaluated through a common summative assessment.	At the conclusion of the chapter, students will be evaluated through a common summative assessment.	At the conclusion of the chapter, students will be evaluated through a common summative assessment.	At the conclusion of the chapter, students will be evaluated through a common summative assessment.	At the conclusion of the chapter, students will be evaluated through a common summative assessment.
STANDARDS ADDRESSED **TN State Stds.**	A2.N.Q.A.1 A2.N.Q.A.1.b A2.N.Q.A.1.c A2.N.Q.A.1.d A2.1.CED.A.2 A2.F.IF.A.1 A2.F.IF.B.4 A2.F.IF.B.6 A2.F.IF.B.6.a A2.F.IF.B.6.b A2.F.BF.B.3 A2.S.ID.B.4 ACT Standard(s): G203, N404, A406, G407, AF501, AF502, AF503, AF501, A502, A514, F503, F504, F505, F506, G504, G510, S505, S506, AF602, AF603, AF604, A601, A606, AF702, AF703, AF706, F701	A2.A.SSE.A.1 A2.A.SSE.A.1.a A2.A.SSE.A.1.b A2.A.APR.A.2 A2.A.CED.A.1 A2.A.CED.A.2 A2.A.REI.A.1 A2.A.REI.B.3 A2.A.REI.B.4 A2.F.IF.A.1 A2.F.IF.A.2 A2.F.IF.A.3 A2.F.IF.B.4 A2.F.IF.B.5 A2.F.IF.B.5.a A2.F.IF.B.6 A2.F.IF.B.6.a A2.F.IF.B.6.b A2.F.BF.B.3 A2.S.ID.B.4 ACT Standard(s): F401, N504, A505, A506, A507, A508, F501, F504, F505, F506, F507, F511, S505, S506, N606, AF602, AF603, AF604, A601, A605, G609, AF702, AF703, AF704, AF705, AF706, F701	A2.N.Q.A.1 A2.N.Q.A.1.c A2.N.Q.A.1.d A2.A.SSE.A.1 A2.A.SSE.A.1.a A2.A.SSE.A.1.b A2.A.APR.A.1 A2.A.APR.A.2 A2.A.CED.A.1 A2.A.CED.A.2 A2.F.IF.A.1 A2.F.IF.A.2 A2.F.IF.A.3 A2.F.IF.B.4 A2.F.IF.B.5 A2.F.BF.B.3 A2.S.ID.B.4 ACT Standard(s): A402, A404, A505, F501, F504, F505, F506, F507, F508, F509, F511, S505 S506, AF602, AF603, AF604, A601, AF703, AF704, AF705, AF706, A703, F701	A2.N.M.A.1 A2.N.M.A.2 A2.N.M.A.2.a A2.N.M.A.2.b A2.N.M.A.2.c A2.N.M.A.2.d A2.N.M.A.3 A2.A.REI.B.3 ACT Standard(s): N406, N505, N607, A604, N705, N706	A2.N.RN.A.1 A2.N.RN.A.1.a A2.N.RN.A.1.b A2.N.RN.A.1.c A2.A.CED.A.3 A2.A.REI.A.1 A2.A.REI.A.2 A2.F.IF.A.1 A2.F.IF.B.4 A2.F.BF.A.1 A2.F.BF.A.1.a A2.F.BF.A.1.b A2.F.BF.B.3 A2.F.BF.B.4 A2.F.BF.B.4.a A2.F.BF.B.4.b A2.F.BF.B.4.c ACT Standard(s): A509, A510, A512, F505, F506, F507, F511, N604, N605, AF603, AF604, A601, F604, AF702, AF704, AF705, AF706, F708	A2.N.Q.A.1 A2.N.Q.A.1.a A2.N.Q.A.1.b A2.N.Q.A.1.c A2.N.Q.A.1.d A2.A.SSE.A.1 A2.A.SSE.A.1.a A2.A.SSE.A.1.b A2.A.CED.A.2 A2.A.REI.A.1 A2.F.IF.B.4 A2.F.IF.B.5.b A2.F.IF.B.6 A2.F.IF.B.6.a A2.F.BF.B.3 A2.F.BF.B.4 A2.F.LE.A.1 A2.F.LE.A.1.a A2.F.LE.A.1.b A2.F.LE.A.1.c A2.F.LE.A.2 A2.S.ID.B.4 ACT Standard(s): F504, F505, F506, F507, S505, S506, AF601, AF602, AF603, AF604, A601, AF702, AF703, AF704, AF705, AF706, F701, F702, F707	A2.S.ID.A.2 A2.S.CP.A.1 A2.S.CP.B.2 A2.S.CP.B.2.a A2.S.CP.B.2.b A2.S.CP.B.3 A2.S.CP.C.4 ACT Standard(s): S305, S403, S404, S405, S503, S504, S602, S603, S604, S605, S606, S702, S704	A2.N.Q.A.1 A2.N.Q.A.1.a A2.S.ID.A.1 A2.S.ID.A.2 A2.S.ID.A.3 A2.S.IC.A.1 A2.S.IC.A.2 A2.S.IC.A.3 ACT Standard(s): S201, S301, S501, S502, S701, S703	A2.F.BF.A.2 ACT Standard(s): N201, F301, F502, F504, F505, F506, F507, F703

Honors Addendum: At the conclusion of the course, Honors students will be expected to use transformations and the functions learned in this chapter to complete the What's in a Name? project.

*Parents may access instructional materials by becoming a Canvas Observer

Per Johnson City Board of Education Policy 4.400, upon request, parents/guardians shall have the ability to inspect the following items: instructional materials, teaching materials, teaching aids, handouts, and tests that are developed by and graded by their child's teacher. The Superintendent of Schools shall develop procedures for the inspection of materials and distribute these procedures to each principal.