Carrizo Springs High School
Algebra II 2019-2020 Scope and Sequence

DATE	MATERIAL TO BE COVERED
AUGUST	
26	Rules and Procedures
	Class Expectations/Dress Code
27	1.1 Domain, Range, and End Behavior
28	1.1 Domain, Range, and End Behavior
29	1.2 Characteristics of Function Graphs
30	1.2 Characteristics of Function Graphs
SEPTEMBER	
2	***Labor Day – No School***
3	1.3 Transformations of Function Graphs
4	1.3 Transformations of Function Graphs
5	1.4 Inverses of Functions
6	1.4 Inverses of Functions
9	Module 1 Review
10	Module 1 Test
11	2.1 Graphing Absolute Value Functions
12	2.1 Graphing Absolute Value Functions
13	***Early Release***
16	2.2 Solving Absolute Value Functions
17	2.2 Solving Absolute Value Functions
18	2.3 Solving Absolute Value Inequalities
19	2.3 Solving Absolute Value Inequalities
20	Module 2 Review
23	Module 2 Test
24	3.1 Quadratic Functions in Vertex Form
25	3.1 Quadratic Functions in Vertex Form
26	3.2 Writing Quadratic Functions
27	3.2 Writing Quadratic Functions
30	3.3 Fitting Quadratic Functions
OCTOBER	
1	3.3 Fitting Quadratic Functions
2	Module 3 Review
3	Module 3 Test
4	***Student Holiday/ Staff Development***
7	4.1 Solving Quadratic Equations by Taking Square Roots
8	4.1 Solving Quadratic Equations by Taking Square Roots
9	4.2 Complex Numbers
10	4.2 Complex Numbers
11	4.2 Complex Numbers
14	4.3 Finding Complex Solutions of Quadratic Equations
15	4.3 Finding Complex Solutions of Quadratic Equations
16	4.3 Finding Complex Solutions of Quadratic Equations
17	4.3 Finding Complex Solutions of Quadratic Equations
18	4.4 Solving Quadratic Inequalities

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21	4.4 Solving Quadratic Inequalities
22	4.4 Solving Quadratic Inequalities
23	Module 4 Review
24	Module 4 Test
25	5.1 Parabolas
28	5.1 Parabolas
29	5.2 Solving Linear-Quadratic Systems
30	5.2 Solving Linear-Quadratic Systems
31	5.2 Solving Linear-Quadratic Systems
NOVEMBER	
1	5.3 Solving Linear Systems in Three Variables
4	5.3 Solving Linear Systems in Three Variables
5	5.3 Solving Linear Systems in Three Variables
6	5.4 Solving Systems of Linear Inequalities
7	5.4 Solving Systems of Linear Inequalities
8	***Student Holiday/Staff Development***
	********** *End Second Six Weeks* **********
	**********Start Third Six Weeks**********
11	5.4 Solving Systems of Linear Inequalities
12	Module 5 Review
13	Module 5 Test
14	6.1 Graphing Cubic Functions
15	6.1 Graphing Cubic Functions
18	6.1 Graphing Cubic Functions
19	6.2 Graphing Polynomial Functions
20	6.2 Graphing Polynomial Functions
21	6.2 Graphing Polynomial Functions
22	***Early Release***
25	***THANKSGIVING HOLIDAY***
26	***THANKSGIVING HOLIDAY***
27	***THANKSGIVING HOLIDAY***
28	***THANKSGIVING HOLIDAY***
29	***THANKSGIVING HOLIDAY***
DECEMBER	
2	Module 6 Review
3	Module 6 Test
4	7.1 Adding and Subtracting Polynomials
5	7.1 Adding and Subtracting Polynomials
6	7.2 Multiplying Polynomials
9	7.2 Multiplying Polynomials
10	7.2 Multiplying Polynomials
11	7.3 Factoring Polynomials
12	7.3 Factoring Polynomials
13	7.3 Factoring Polynomials
16	Fall Semester Reviews
17	Fall Semester Reviews
18	Fall Semester Exams
19	Fall Semester Exams
20	***Early Release***

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	***********End Third Six Weeks**********
	***********End Semester One**********
23	*CHRISTMAS HOLIDAYS*
24	*CHRISTMAS HOLIDAYS*
25	*CHRISTMAS HOLIDAYS*
26	*CHRISTMAS HOLIDAYS*
27	*CHRISTMAS HOLIDAYS*
30	*CHRISTMAS HOLIDAYS*
31	*CHRISTMAS HOLIDAYS*
JANUARY	
1	*CHRISTMAS HOLIDAYS*
2	*CHRISTMAS HOLIDAYS*
3	*CHRISTMAS HOLIDAYS*
6	*Staff Workday*
7	*Student Holiday/Staff Development*
	***********Start Semester Two**********
	***********Start Fourth Six Weeks**********
8	7.4 Diving Polynomials
9	7.4 Diving Polynomials
10	7.4 Diving Polynomials
13	Module 7 Review
14	Module 7 Test
15	8.1 Finding Rational Solutions of Polynomial Equations
16	8.1 Finding Rational Solutions of Polynomial Equations
17	*Student/Staff Holiday*
20	*Student Holiday/Teacher Workday*
21	8.1 Finding Rational Solutions of Polynomial Equations
22	8.2 Finding Complex Solutions of Polynomial Equations
23	8.2 Finding Complex Solutions of Polynomial Equations
24	8.2 Finding Complex Solutions of Polynomial Equations
27	Module 8 Review
28	Module 8 Test
29	9.1 Inverse Variation
30	9.1 Inverse Variation
31	9.1 Inverse Variation
FEBRUARY	
3	9.2 Graphing Simple Rational Functions
4	9.2 Graphing Simple Rational Functions
5	9.2 Graphing Simple Rational Functions
6	9.3 Graphing More Complicated Rational Functions
7	9.3 Graphing More Complicated Rational Functions
10	9.3 Graphing More Complicated Rational Functions
11	Module 9 Review
12	Module 9 Test
13	10.1 Adding and Subtracting Rational Expressions
14	*Student Holiday/Staff Development*
	**********End Fourth Six Weeks**********
	**********Start Fifth Six Weeks**********

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17	*Student Holiday/Teacher Workday*
18	10.1 Adding and Subtracting Rational Expressions
19	10.1 Adding and Subtracting Rational Expressions
20	10.2 Multiplying and Dividing Rational Expressions
21	10.2 Multiplying and Dividing Rational Expressions
24	10.2 Multiplying and Dividing Rational Expressions
25	10.3 Solving Rational Equations
26	10.3 Solving Rational Equations
27	10.3 Solving Rational Equations
28	Module 10 Review
MARCH	
2	Module 10 Test
3	11.1 Inverse of Simple Quadratic and Cubic Functions
4	11.1 Inverse of Simple Quadratic and Cubic Functions
5	11.1 Inverse of Simple Quadratic and Cubic Functions
6	*Early Release*
9	*SPRING BREAK*
10	*SPRING BREAK*
11	*SPRING BREAK*
12	*SPRING BREAK*
13	*SPRING BREAK*
16	11.2 Graphing Square Root Functions
17	11.2 Graphing Square Root Functions
18	11.2 Graphing Square Root Functions
19	11.3 Fitting Square Root Functions to Data
20	11.3 Fitting Square Root Functions to Data
23	11.3 Fitting Square Root Functions to Data
24	11.4 Graphing Cube Root Functions
25	11.4 Graphing Cube Root Functions
26	11.4 Graphing Cube Root Functions
27	Module 11 Review
30	Module 11 Test
31	12.1 Radical Expressions and Rational Exponents
APRIL	
1	12.1 Radical Expressions and Rational Exponents
2	12.1 Radical Expressions and Rational Exponents
3	12.2 Simplifying Radical Expressions
	*****************End Fifth Six Weeks*************
	*****************Start Sixth Six Weeks************
6	*English 1 STAAR EOC Test*
7	
8	*English 2 STAAR EOC Test*
9	
10	*Student/Staff Holiday*
13	*Student/Staff Holiday*
14	*Student/Teacher Workday*
15	12.2 Simplifying Radical Expressions
16	12.2 Simplifying Radical Expressions
17	12.3 Solving Radical Equations
20	12.3 Solving Radical Equations

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21	12.3 Solving Radical Equations
22	Module 12 Review
23	Module 12 Test
24	13.1 Geometric Sequences
27	13.1 Geometric Sequences
28	13.1 Geometric Sequences
29	13.2 Exponential Growth Functions
30	13.2 Exponential Growth Functions
MAY	
1	13.2 Exponential Growth Functions
4	13.3 Exponential Decay Functions
5	***Algebra 1 STAAR EOC Test***
6	***Biology STAAR EOC Test***
7	***US History STAAR EOC Test***
8	13.3 Exponential Decay Functions
11	13.3 Exponential Decay Functions
12	13.4 The base *e*
13	13.4 The base *e*
14	13.4 The base *e*
15	Module 13 Review
18	Module 13 Test
19	***Semester Exam Review***
20	***Semester Exam Review***
21	***Semester Exam Review***
22	***Semester 2 Exam 1,3,5,7***
25	***Student Holiday/Teacher Workday***
26	***Semester 2 Exam 2,4,6,8***
27	***Semester Exam Make-Up Day***
28	***Semester Exam Make-Up Day***
	***********End Sixth Six Weeks**********
	***********End Semester Two**********
29	***Student Holiday/Teacher Workday***
JUNE	
1	***Student Holiday/Teacher Workday***