

---

## MATH TIMETABLE 2011-2012

---

### Algebra II

**1<sup>st</sup> six-weeks**  
**15 Teaching Days**

Number of Days	TEKS	Concept
1	2A.1	Intro to Relations and Functions
1	2A.1.B	Interpret graphs
2	2A.1.A	Domain and Range
1	2A.1	Function Operations
1		Test over Introduction of Functions
1	2A.4.A	Intro to Parent Functions
2	2A.4.B	Transformations: generic and with parent functions
1	2A.4.C	Inverse Functions
4	2A.1 and 2A.4	Linear Function Review
1		Test over Transformation of Parent Functions and Inverses
Every Day	2A.1.A	Domain and Range Problem Solving

---

## MATH TIMETABLE 2011-2012

---

### Algebra II

**2<sup>nd</sup> six-weeks**  
**15 Teaching Days**

Number of Days	TEKS	Concept
7	2A.3. A-C	Solving Systems of Equations and Inequalities
1		Test over Solving Systems of Equations
4	2A.2.A	Factoring and Solve By Factoring
2	2A.2.B	Introduction to Complex Numbers
1		Test over Basic Factoring
Every Day	2A.3.C	Problem Solving with Systems

---

## MATH TIMETABLE 2011-2012

---

### Algebra II

**3<sup>rd</sup> six-weeks**  
**15 Teaching Days**

Number of Days	TEKS	Concept
3	2A.7. A-B 2A.8. D	Graphing Quadratic Functions
1		Test over Graphing Quadratic Functions
6	2A.8. B and D 2A.6.C	Solving Quadratic Equations and Inequalities
3	2A.6. A,B 2A.8. A,C	Application of Quadratic Functions
1		Test over Quadratic Functions and Application
1		Semester Exam
Every Day	2A.6A	Reasonable Domain and Range for Quadratics Functions Problem Solving

---

## MATH TIMETABLE 2011-2012

---

### Algebra II

4<sup>th</sup> six-weeks  
15 Teaching Days

Number of Days	TEKS	Concept
2	2A.2.A	Polynomial Operations
2	2A.2.A	Polynomial Factoring And Solve
1	Basic Skill	Polynomial Graphs
1	Test	Polynomials
8	2A.11	Exponential and Logarithmic Functions
1	Test	Exponential and Logarithmic
Every Day	2A.2.A	Factoring and Solving Problem Solving

---

## MATH TIMETABLE 2011-2012

---

### Algebra II

**5<sup>th</sup> six-weeks**  
**15 Teaching Days**

Number of Days	TEKS	Concept
5	2A.9.A, G 2.A.4.C	Rational Exponents, Operations with Radicals, Graphing Square Root Functions
1	Test	Basic Rational Exponents and Radicals
3	2A.9. B,C,D,E,F	Solving Radical and Rational Exponent Equations
5	2A.10. A-G 2A.4. B	Rational Functions
1	Test	Solving Radical and Rational Exponents Equations
Every Day		Problem Solving

---

## MATH TIMETABLE 2011-2012

---

### Algebra II

**6<sup>th</sup> six-weeks**  
**15 Teaching Days**

Number of Days	TEKS	Concept
10	2A.5. A-E	Conic Sections
3		As needed for Pre-Calculus
1	Review	Semester Exam
1	Final	Semester Exam
Every Day		Review for STAAR Problem Solving