

ALGEBRA 2

Teacher: Sharlene Evans

September 30 - November 3

Unit 2 - Quadratic Functions & Equations

Desired Results--What do we want students to know and do?

Student Learning Targets:

1. I can solve write a quadratic equation in
 - vertex form,
 - standard form and
 - factored form.
2. I can find key features from the graph of a quadratic function.
3. I can use the zero product property to identify the zeroes of a quadratic function.
4. I can add, subtract and multiply complex numbers using the properties of operations and the relation $i^2 = -1$.

Evidence-How will we know they learned?

Assessment(s) of Learning Targets

October 8/9 - Unit 2 Quiz

October 29/30 - Unit 2 Assessment

Learning Plan--Plan for instruction, intervention, and extension.

| Tuesday & Wednesday 9/30 and 10/1 | Thursday & Friday 10/2 and 10/3 | Monday & Tuesday 10/6 & 10/7 |
|---|---|---|
| 2.1 Vertex Form of a Quadratic Function | 2.2 Standard Form of a Quadratic Function | 2.3 Factored Form of a Quadratic Function |
| Wednesday & Thursday 10/8 & 10/9 | Friday & Monday 10/10 and 10/13 | Tuesday & Wednesday 10/14 and 10/15 |
| Unit 2 Quiz 2.4 Complex Numbers | Remediation/Enrichment | 2.6 The Quadratic Formula |

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| Thursday 10/16 | Friday & Monday 10/17 & 10/20 | Tuesday & Wednesday 10/21 & 10/22 |
| Review Parent/Teacher Conferences | NO SCHOOL | 2.6 Linear/Quadratic Systems |
| Thursday & Friday 10/23 and 10/24 | Monday & Tuesday 10/27 and 10/28 | Wednesday & Thursday 10/29 and 10/30 |
| ACT IXL DIAGNOSTIC | UNIT 2 REVIEW | UNIT 2 TEST |
| Friday & Monday 10/31 & 11/3 | | |
| Makeup/Remediate/Enrichment | | |
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