Geary Lesson Plans

| Teacher Name | Subject | Grade Level |  |
| :--- | :--- | :--- | :--- |
| Danny Blackshear |  | Algebra II |  |
| Title of Unit/Lesson |  |  |  |
| Unit 2: Quadratic Functions |  |  |  |
| 15 Days - November 6 |  |  |  |


| Can the stud <br> - I can expre <br> - I can and r help. | undational Skills <br> ent: <br> simplify linear polynomial ssions. <br> simplify absolute value radical expressions with | 3.0 Learning Goal/Objective <br> Can the student: <br> - I can simplify and evaluate linear, absolute value and radical expressions. | 4.0 More Complex Knowledge <br> Can the student: <br> - I can simplify and evaluate any algebraic expression to include: <br> $\checkmark$ Linear expressions <br> $\checkmark$ Radical expressions <br> $\checkmark$ Absolute Value expressions <br> $\checkmark$ Non-standard expressions <br> - I can interpret the solutions in context. |
| :---: | :---: | :---: | :---: |
| Assessment \& Monitoring (How will you know you've attained the desired effect?) |  |  |  |
| Constant monitoring. Can the student explain their reasoning? Can the student reproduce independent work? |  |  |  |
| Instructional Strategies/Lesson Activities/Transitions |  |  |  |
| Anticipated Date |  | ignments | Resources, Materials and Technology Needed |
| 10.26.20 | Transformations: <br> - $f(x+c)$ <br> - $f(x)+c$ <br> - $f(c x)$ <br> - $\quad c f(x)$ |  | N/A |
| 10.27.20 | Quadratic Functions: <br> - Completing the |  | N/A |
| 10.28.20 | Quadratic Functions: <br> - Review unit 2. |  | N/A |
| 10.29.20 | Quadratic Functions: <br> - Review unit 2. |  | N/A |
| 10.30.20 | Quadratic Functions: <br> - Begin unit 2 exa |  | N/A |
| Adaptations and Accommodations (ELL, Special Education, Gifted, Those without Support) |  |  |  |
| Hand-picked elbow partners, calculators, additional time on assignments, reduced number of items. |  |  |  |


| Vocabulary: |  |  |  |
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| Quadratic Minimum Domain Parabola <br> Axis of symmetry Focus Vertex Maximum <br> Range Standard form Vertex form Directrix <br> Quadratic Minimum Domain Parabola <br> Axis of Symmetry Focus Vertex Maximum <br> Range Standard Form Vertex Form Directrix <br> y-intercept x-intercept Set Notation Interval Notation <br> Latus Rectum    <br>     <br>     |  |  |  | |  |
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