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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Standard**: A.PAR.6: Build quadratic expressions and equations to represent and model real-life phenomena; solve quadratic equations in mathematically applicable situations.  **Assessment:**    **Quiz ☐ Unit Test ☐ Project ☐ Lab ☐ None**    **Exit Ticket** | | | | | | | | | | |
|  | **Pre-Teaching**  *C:\Users\thiyasr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\FEF22E5.tmp*  **Learning Target**    **Success Criteria 1**    **Success Criteria 2** | **Activation of Learning**  *(5 min)* | **Focused Instruction**  *(10 min)*  ***\*I DO*** | **Guided Instruction**  *(10 min)*  ***\*WE DO*** | | **Collaborative**  **Learning**  *(10 min)*  ***\*Y’ALL DO*** | | | **Independent Learning**  *(10 min)*  ***\*YOU DO*** | **Closing**  *(5 min)* |
| * Do Now * Quick Write\* * Think/Pair/Share * Polls * Notice/Wonder * Number Talks * Engaging Video * Open-Ended Question | * Think Aloud * Visuals * Demonstration * Analogies\* * Worked Examples * Nearpod Activity * Mnemonic Devices\* | * Socratic Seminar \* * Call/Response * Probing Questions * Graphic Organizer * Nearpod Activity * Digital Whiteboard | | * Jigsaw\* * Discussions\* * Expert Groups * Labs * Stations * Think/Pair/Share * Create Visuals * Gallery Walk | | | * Written Response\* * Digital Portfolio * Presentation * Canvas Assignment * Choice Board * Independent Project * Portfolio | * Group Discussion * Exit Ticket * 3-2-1 * Parking Lot * Journaling\* * Nearpod |
| **Monday** | I am learning how to solve quadratics by completing the square | Review perfect squares (x+2) ^2 | Notes: completing the square handout | | Probing Questions from Notes with examples being worked out. | | Think/Pair/Share assigned problems. Discuss Steps and answers from review | Finish Handout | | **Exit Ticket – What was challenging to you in this Lesson?** |
| **Tuesday** | I am learning how to solve quadratics by completing the square | Review perfect squares; find c  x^2 +10x + c, |  | | Work problems from practice handout probing understanding of concept | | Think/Pair/Share assigned problems. Discuss Steps and answers from review | Students will complete short formative assessment | |  |
| **Wednesday** | I am learning to convert from standard to vertex form of a quadratic. | Review completing the square | Notes: converting between standard and vertex form handout | | Probing Questions from Notes with examples being worked out | | Think/Pair/Share assigned problems. Discuss Steps and answers from review | Finish handout | | **Exit Ticket – What was challenging to you in this Lesson?** |
| **Thursday** | I am learning how to convert from stand to vertex form. | Warm up: convert to vertex form 2x^2+5x+35 |  | | Work problems from practice handout probing understanding of concept | | Think/Pair/Share assigned problems. Discuss Steps and answers from review | Students will complete short formative assessment | |  |
| **Friday** | I am learning to solve quadratics using real world applications. | Review characteristic of a Quadratic graph: x-intercepts, max, min | Notes: real world applications handout | | Work problems from practice handout probing understanding of concept | | Think/Pair/Share assigned problems. Discuss Steps and answers from review | Finish Handout | | **Exit Ticket – What was challenging to you in this practice/review?** |

*++\*key literacy strategies*