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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**  [x]   **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
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| **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  | [x]  **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  | [x]  **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*