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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
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| **Monday** | I am assessing how to add/subtract, factor polynomials by GCF, a=1, and a>1 with applicationsI can master quadratics concepts. | Warm up - 2 problems Factoring (Check understanding)  |  | Solve 3 problems revisiting GCF concepts, a=1. And a>1 | Think/Pair/Share assigned problems. Discuss Steps and answers form Review Handout | Solve problems | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Tuesday** | I am learning how to analyze the key characteristics of quadratic functionsI can analyze the key characteristics of quadratic functions | Warm up - Factoring a>1 and a=1 | Characteristics of analyzing quadratic functions (students will be using desmos). | Demonstrate an example of finding main characteristics using desmos by probing questions to facilitate how to solve | Think/Pair/Share assigned problems. Discuss Steps and answers form Review Handout | Finish Review Handout  | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Wednesday** | I am learning how to analyze the key characteristics of quadratic functionsI can analyze the key characteristics of quadratic functions | Warm up -  |  | Demonstrate an example of finding main characteristics using desmos by probing questions to facilitate how to solve | Think/Pair/Share assigned problems. Discuss Steps and answers form Practice Handout | Quizizz – Characteristics of quadratic functions  | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Thursday** | I am learning how to analyze the key characteristics of quadratic functions in Vertex FormI can analyze the key characteristics of quadratic functions in Vertex Form | Warm up - Characteristics of Quadratic Functions | Focused Instruction – Vertex Form  | Assigned Problems from Notes (probing questions)  | Think/Pair/Share assigned problems. Discuss Steps and answers form Review Handout | Finish Handout  | [ ]  **Exit Ticket – What was challenging to you in this lesson?** |
| **Friday** | I am learning how to analyze the key characteristics of quadratic functions in Vertex FormI can analyze the key characteristics of quadratic functions in Vertex Form | Warm up – Vertex Form Characteristics  | Review key characteristics on Vertex Form | Review Handout – Vertex Form Key Characteristics | Think/Pair/Share assigned problems. Discuss Steps and answers form Review Handout | Finish Handout  | [ ]  **Exit Ticket – What was challenging to you in this Task?** |