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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 assessing how to add/subtract, factor polynomials by GCF, a=1, and a>1 with applications  I 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 functions  I 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 functions  I 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 Form  I 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 Form  I 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?** |