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| **Standard**:  G.GSR.4.1 Use the undefined notions of point, line, line segment, plane, distance along a line segment, and distance around a circular arc to develop and use precise definitions and symbolic notations to prove theorems and solve geometric problems.  **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 going to learn and identify angle relationships (adjacent, vertical, complementary, and supplementary).**  **I can classify angle pairs in diagrams and explain their relationships.** | Identify angles in a diagram | | Direct Instruction with Think-Aloud – definitions and examples of angle relationships. | | Worked Examples – identifying angle pairs in diagrams. | Small group problem sets involving the Angle Addition Postulate | | Think-Pair-Share – classify angles in sample diagrams. | **Exit Ticket –**  **Name one type of angle relationship and give an example.** |
| **Tuesday** | **I am going to learn angle relationships and the Angle Addition Postulate and use them to solve.**  **I can solve equations by identifying angle relationships and applying the Angle Addition Postulate** | I am going to apply the Angle Addition Postulate to solve problems. | | I can use the Angle Addition Postulate to set up and solve equations. | | Teacher-led small group practice problems. | Apply the Angle Addition Postulate in multi-step equations. | | Assigned practice problems – solving for unknowns | **Exit Ticket –**  **Write one key step in solving Angle Addition Postulate problems.** |
| **Wednesday** | **I am going to solve equations using multiple angle relationships.**  **I can solve for unknown angles using complementary, supplementary, vertical, and adjacent angles.** | | Anticipation Guide – True/False prompts about angle sums. | Demonstration – solving algebraic equations with angle relationships. | | | Jigsaw Strategy – groups teach one angle relationship to peers. | | Worksheet – mixed practice problems. | Peer Debrief – Share one strategy that helped you solve today’s problems. |
| **Thursday** | **I am going to combine angle relationships and the Angle Addition Postulate to solve problems.**  I can justify my solutions using both angle relationships and the Angle Addition Postulate. | Notice/Wonder – analyze a complex angle diagram. | | Worked Examples – combining angle relationships with the Angle Addition Postulate. | | | Think/Pair/Share assigned problems. Discuss Steps and answers form Review Handout | Teacher-assigned mixed problem set. | | **Exit Ticket – What was challenging to you in this lesson?** |
| **Friday** | **I am going to review and demonstrate mastery of angle relationships and the Angle Addition Postulate.**  I can solve and explain a variety of angle problems using multiple strategies. | Do Now – Mixed review warm-up (angle relationships + angle addition). | | Error Analysis – identifying common mistakes | | Socratic Seminar – discussing multiple ways to solve problems. | Gallery Walk – solve posted problems and give feedback. | | Mini assessment or performance task to demonstrate mastery. | **Revisit Learning Target – Rate mastery level (1–4) and set next steps.** |

*\*key literacy strategies*