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| **Standards**MGSE.AMDM.4: Use probability concepts, including area models, to make decisions and predictions.MGSE.AMDM.5: Represent and analyze compound events and outcomes.MGSE.AMDM.4: Apply probability concepts, including Venn diagrams, to solve problems.MGSE.AMDM.5: Represent and analyze compound events using multiple strategies (lists, tables, Venn diagrams).***All Resources can be found in canvas via launchpad*****Assessment:**  [x]   **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** | LT: I can create area models for simple events.SC1: I can construct a grid showing outcomes.SC2: I can determine probabilities from the model. | **Do Now** – Roll two dice, list outcomes. | Direct Instruction (EDI) – Teacher models sample area model project |  | Complete area model project  |  | Peer Debrief – Discuss: 'Which events are easiest/hardest to model?' |
| **Tuesday** | **LT:** I can create area models for simple events. **SC1:** I can construct a grid showing outcomes. **SC2:** I can determine probabilities from the model. | Notice/Wonder – Show area model of spinner x coin flip. |  | Prompting & Cueing – Teacher asks: 'Where do we find the probability of rolling a sum of 7?' | Work with a partner to complete review for area model assessment |  | 3-2-1 Summary – 3 things about area models, 2 examples, 1 question. |
| **Wednesday** | LT: I can analyze real-world scenarios using area models. SC1: I can model games of chance with area models. SC2: I can calculate probabilities from real-world examples | Quick Qand A before assessment  |  |  |  | Students will complete Unit 1 assessment  | Submit assessment  |
| **Thursday** | LT: I can identify and represent sets using Venn diagrams.SC1: I can label sets and intersections.SC2: I can place elements into correct regions. | Quick Write – 'Where in life do you see overlapping groups?' | Think-Aloud Modeling – Teacher draws a 2-circle Venn with labeled sets. | Graphic Organizer (Guided) – Fill in sample student survey (sports vs music). | Think-Pair-Share – Students explain how overlap is shown. | Worked Examples – Complete 2 Venns with class data. | Exit Ticket – Write one thing an intersection represents. |
| **Friday** | LT: I can calculate probabilities using Venn diagrams.SC1: I can compute probabilities of single events.SC2: I can find probabilities of intersections and unions. | Do Now – Given small survey, estimate probability of each set. | Direct Instruction (EDI) – Teacher explains union (P(A ∪ B)) and intersection (P(A ∩ B)). | Prompting & Cueing – Teacher asks guiding questions while shading regions. | Team Problem Solving – Groups calculate probabilities from a sample Venn. | Error Analysis – Correct a flawed calculation of P(A ∪ B). | 3-2-1 Summary – 3 terms, 2 examples, 1 question. |

***All Resources can be found in canvas via launchpad***