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| * **Standard** : * **AMDM.2**: Apply mathematical models to represent and analyze real-world data. * **AMDM.4**: Use statistics to analyze data and make inferences.   ***All Resources can be found in canvas via launchpad***  **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** | **LT:** I can explain what slugging percentage (SLG) is and why it is important in baseball statistics.  **SC1:** I can describe how SLG differs from batting average.  **SC2:** I can identify the data needed to calculate SLG | **Anticipation Guide**: Students react to statements (e.g., “A batting average and slugging percentage measure the same thing.” T/F). | **Direct Instruction + Think-Aloud**: Teacher introduces SLG formula (TB + 2B×2 + 3B×3 + HR×4 ÷ AB). Model calculation with real MLB data. | **Graphic Organizer (Guided)**: Students complete a partially filled chart showing hits, bases, and SLG |  | **Quick Write**: “In your own words, explain the difference between batting average and slugging percentage.” | **3-2-1 Summary**: 3 things learned, 2 interesting facts, 1 question. |
| **Tuesday** | **LT:** I can calculate SLG when given complete baseball statistics.  **SC1:** I can correctly compute total bases.  **SC2:** I can divide by at-bats to find SLG. | **Do Now**: Short problem computing batting average (review prior knowledge). |  | **Prompting & Cueing**: Teacher guides students in analyzing 2 players’ stats, asking higher-order questions. | **Team Problem Solving**: Groups calculate SLG for assigned players, compare outcomes. |  | **Peer Debrief**: Turn and talk: “What was your biggest insight about comparing players today?” |
| **Wednesday** | **LT:** I can calculate SLG when some statistics are missing.  **SC1:** I can use algebraic reasoning to solve for missing values.  **SC2:** I can check my solution for accuracy. | **Notice/Wonder**: Display an incomplete stat line; students note what’s given and what’s missing |  | **Prompting & Cueing**: Teacher guides students in analyzing 2 players’ stats, asking higher-order questions. |  | **Independent Practice**: Students solve 3 missing-stats SLG problems individually. | Reveal answers and clear any misconceptions |
| **Thursday** | **LT:** I can apply SLG calculations to compare player performance and make claims supported by data.  **SC1:** I can analyze multiple SLG values and identify the best performer.  **SC2:** I can justify decisions using mathematical evidence. | **Do Now**: Short problem computing batting average (review prior knowledge). |  |  | **Team Quiz Prep**: Groups solve mixed-review problems in timed practice. | **Independent Practice**: Students solve 1 missing-stats SLG problems individually | Reveal answers and clear any misconceptions. |
| **Friday** | **LT:** I can demonstrate mastery of calculating and interpreting SLG.  **SC1:** I can correctly compute SLG in multiple contexts.  **SC2:** I can explain why SLG is useful in evaluating performance | Quick Q and A session before quiz |  |  |  | Complete SLG quiz | Submit quiz |

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