|  |
| --- |
| * **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:**  [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
 |
| **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***