|  |
| --- |
| **Standards**MGSE.AMDM.1: Analyze and apply statistical and quantitative reasoning to real-world contexts.MGSE.AMDM.2: Use mathematical models to make predictions and informed decisions. MGSE.AMDM.3: Interpret and compare data to evaluate fairness, cost, and efficiency.***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 calculate the Fan Cost Index (FCI) using given team data. SC1: I can identify the items included in FCI. SC2: I can compute FCI from a dataset. **SC2:** I can check my solution for accuracy. | Quick Write – “What costs do you think are included in attending a professional sports game?” | **Think-Aloud Modeling** – Teacher introduces FCI formula and models a sample calculation for one team. | **Graphic Organizer (Guided**) – Fill in table with ticket, food, beverage, parking, etc., and compute FCI. . | **Think-Pair-Share** – Students compute FCI for a sample team and compare with partner. |  | **Exit Ticket** – Write 1 step in the FCI calculation process you understand best and 1 step you need to review. |
| **Tuesday** | **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 |  **Notice/Wonder** – Display FCI data for several teams, ask “What do you notice? What do you wonder?” |  | **Demonstration** – Teacher models connecting FCI to external factors (e.g., team popularity, city size). |  | **Worked Examples** – Students calculate FCI for 2–3 teams using provided data. | **Revisit LT** – Students self-assess mastery (1–4) and write 1 takeaway insight. |
| **Wednesday** | **LT:** I can evaluate the fairness and impact of Fan Cost Index across different teams and markets. **SC1:** I can connect FCI values to market size, team success, or fan experience. **SC2:** I can present a justified argument about whether a team offers “value” to fans. | **Do Now:** Find missing value for FCI  | **Demonstration** – Teacher models connecting FCI to external factors (e.g., team popularity, city size). |  |  | **Performance Task** – Students write a short analysis comparing 2 teams’ FCI and present argument. | **Revisit LT** – Students self-assess mastery (1–4) and write 1 takeaway insight. |
| **Thursday** | **LT:** I can show mastery of unit 1 standards **SC1:** I can calculate and find missing values for weighted averages**SC2**: I can calculate and find missing stats for SLG**SC3**: I can calculate and analyze FCI | **Do Now**: Us SLG formula to find missing stat  |  |  | Students will work together to complete and compare answers on part 1 if test review  | Students will work 3 problems independently  | Clear misconceptions  |
| **Friday** | **LT:** I can show mastery of unit 1 standards **SC1:** I can calculate and find missing values for weighted averages**SC2**: I can calculate and find missing stats for SLG**SC3**: I can calculate and analyze FCI | Quick Qand A before assessment  |  |  |  | Students will complete Unit 1 assessment  | Submit assessment  |

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