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| **Standard** : **AMDM.DSR.7.1** Apply statistical methods to design, conduct, and analyze statistical studies. Identify a contextual, real-life problem that can be answered using investigative research.***All Resources can be found in canvas via launchpad*****Assessment:**  [ ]   **Quiz**  [ ]  **Unit Test ☐ Project ☐ Lab ☐ None**  [x]   **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** | \*I am learning the characteristics of experimental and observational studies \*I am learning the difference between population and sample.\*I am learning to choose an adequate sample from a population | Warm up: discuss grades and housekeeping from ice storm Learn from home wee. |  | Review statistics topics: experimental vs observational, population vs sample, and biased vs unbiased | Complete practice assignment  |  | Question and answer session to clear any misconceptions  |
| **Tuesday** | \*I am learning the difference between biased and unbiased samples  | Warm up: population vs. sample scenario  |  |  |  | Complete review for Statistics unit quiz 1  | Whole group: share and discuss answers  |
| **Wednesday** | \*I am learning to choose unbiased samples from a given population  | Warm up: Quick Q and A session  |  |  |  |  Complete statistics quiz 1  | Submit assessment.  |
| **Thursday** | \*I am learning the difference between correlation and causation  | Warm up: discussion question  | Notes: Introduce correlation and causation  | Complete practice problems 1-10 using probing questions |  | Try it on your own: students will complete 11-20 individually.  | Reveal answers to 11-20 and answers any questions |
| **Friday** | \*I am learning the difference between population and sample.\*I am learning to distinguish between observational and experimental studies\*I am learning to choose an unbiased sample from a population | Warm up: correlation vs causation  |  | Complete matching activity whole group | Work with a partner to complete think pair share activity  | Statistical studies quiz 1  | Exit ticket |

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