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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**    **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** | \*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 |

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