**ARC Week at Glance**

**Subject: Math Course: A.P. Statistics Grade: 11th – 12th Dates: 3/24 – 3/28**

|  |
| --- |
| AP Standard IVA: Estimate population parameters and test hypotheses for means, when  is known and when  is unknown.**Assessment(s):** [x]  **Quiz** [ ]  **Canvas Quiz** [x]  **MyMathLab/MathXL** [ ]  **Applet** [ ]  **FRQ’s** |
|  | **Learning Target****(I am learning about…)** | **Criteria for Success****(I can…)** | **Opening***(10 - 15 Mins)* |  **Work-Session***(20 - 25 mins)* | **Closing** *(5 - 10 mins)* | **Literacy Tasks/Focus** |
| *(Include at least one/two formatives\*in any part of the lesson as needed)* |
| **Monday** | I am learning about inferencing for means. | I can estimate population parameters for means when is unknown. | Revisit #2on Chapter 17 Quiz \*Notice that these procedures can only be used when is KNOWN | Chapter 22 Notes pages 574 - 580 | #’s 4, 8, 10 pages 597 - 598 | Describe how the critical value changes as degrees of freedom increases. |
| **Tuesday** | I am learning about inferencing for means. | I can estimate population parameters for means when is unknown. | Peer Check #’s 4, 8, 10 pages 597 - 598 | Chapter 22 Notes pages 581 - 586 | #’s 12, 14 pages 597 - 598 | Explain what the computer output means. How can the margin of error be made smaller? |
| **Wednesday** | I am learning about inferencing for means. | I can test hypotheses by performing significance tests for means when is unknown. |  “For Example,” Finding Sample Size page 593& Check #’s 12 and 14 | Chapter 22 Notes pages 586 - 593 | MML Chapter 22 due Friday | State your conclusion for the sleep-study data, in context. |
| **Thursday** |  I am learning about inferencing for means. | I can estimate population parameters and test hypotheses by performing significance tests for means when is unknown. | OpenerP.H.A.N.T.O.M.S. for means | Practice & Review Chapter 22\*Formative | MML Chapter 22 due Friday  | State your conclusion for the life-insurance policy data, in context. |
| **Friday** | I am learning about inferencing for means. | I can estimate population parameters and test hypotheses by performing significance tests for means when is unknown. | Quick Study | Quiz on Chapter 22\*Summative |  | State your conclusion for the textbook word length data, in context. |

**\***[ ]  Exit Ticket/Final Stretch Check [x]  Electronic Tools [ ]  Dry Erase Boards – quick checks [x]  Turn & Talk Discussion (verbal responses) [x]  Teacher Observation – document Clipboard

 [ ]  Quick Write/Draw [ ]  Annotation [ ]  Extended Writing [x]  Socratic Seminar [ ]  Jigsaw [ ]  Thinking Maps [ ]  Worked Examples [ ]  Other : \_\_\_\_\_\_\_\_\_\_\_