**ARC Week at Glance**

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

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| AP Standard IVA: Estimate population parameters and test hypotheses for means, when  is known and when  is unknown.  **Assessment(s):  Quiz  Canvas Quiz  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 #2  on 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. | Opener  P.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  Electronic Tools  Dry Erase Boards – quick checks  Turn & Talk Discussion (verbal responses)  Teacher Observation – document Clipboard

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