**ARC Week at Glance**

**Subject: Math Course: A.P. Statistics Grade: 11th – 12th Dates: 3/17 – 3/21**

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| AP Standard IVB: Estimate population parameters and test hypotheses by performing significance tests for comparing proportions.AP Standard IVA: Estimate population parameters and test hypotheses for means, when  is known and when  is unknown.**Assessment(s):** [x]  **Quiz** [ ]  **Unit Test** [x]  **MyMathLab/MathXL** [ ]  **Applet** [x]  **FRQ’s** |
| **m** | **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 estimating parameters for two proportions. | I can construct confidence intervals to estimate the difference between two proportions | Return Chapter 20 Quiz.Discuss commentary and exemplars | Notes, modeling and practice on Chapter 21: Comparing Two Proportions pages 543 – 549 | Use TI-84 to check your confidence interval | Interpret the meaning of your confidence interval, in context. |
| **Tuesday** | I am learning about estimating parameters for two proportions. | I can construct confidence intervals to estimate the difference between two proportions |  #’s 1 – 2 on Notes, modeling and practice on Chapter 21: Comparing Two Proportions pages 545 – 549  | Notes, modeling and practice on Chapter 21: Comparing Two Proportions pages 545 – 549 | Use TI-84 to check your confidence interval | Explain the meaning of your confidence interval. |
| **Wednesday** | I am learning about performing significance tests for two proportions. | I can perform hypotheses tests to determine whether or not there is a significant difference between two proportions | “Just Checking” #’s 1 – 2  | Notes, modeling and practice on Chapter 21: Comparing Two Proportions pages 548 – 552 | Use TI-84 to check your confidence interval | State your conclusion, in context. |
| **Thursday** |  All Above | I can perform hypotheses tests to determine whether or not there is a significant difference between two proportions | FRQ #5 from 2009\*Formative | FRQ # 4 from 2012\*Summative | Use TI-84 to check your hypothesis test | Read scoring rubric and evaluate your responses. |
| **Friday** | 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. |

**\***[ ]  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 : \_\_\_\_\_\_\_\_\_\_\_