**ARC Week at Glance**

**Subject: Math Course: A.P. Statistics Grade: 11th – 12th Dates: 3/10 – 3/14**

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| AP Standard IVA: Students will use statistical inference to guide the selection of appropriate models. Here they will construct and interpret confidence intervals to estimate population parameters by sampling with proportions.AP Standard IVB: Estimate population parameters and test hypotheses by performing significance tests for a proportion.AP Standard IV: Identify Type I and Type II Errors following Significance Tests and explain consequences for each.**Assessment(s):** [x]  **Quiz** [ ]  **Unit Test** [x]  **MyMathLab/MathXL** [ ]  **Applet** [ ]  **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** |  |  |  |  |  |  |
| **Tuesday** | I am learning about types of errors that may arise in significance tests. | I can Identify Type I and Type II Errors following Significance Tests and explain consequences for each. | “Just Checking” #’s 1 – 3 page 526 | Notes, modeling and practice on Chapter 20: More About Tests and Intervalspages 526 – 528 | “Just Checking”#’s 4 – 6 | Describe the consequences of Type I and Type II errors in scenarios provided. |
| **Wednesday** | I am learning about the power of a significance test. | I can Identify the probability for Type I and Type II Errors following Significance Tests. | “Just Checking”#’s 4 – 6 | Notes, modeling and practice on Chapter 20: More About Tests and Intervalspages 530 – 534 | MML Chapter 20 due Friday! | Just Checking #6- Which strategy has a higher power? Explain |
| **Thursday** |  All Above | Above | Q&A with examples on MML20.1 | Practice on Chapter 20\*Formative | Display exemplars | Describe Type I and Type II errors for given scenarios and determine the consequences for each. |
| **Friday** |  All Above | Above | Quick Study with Q&A | Quiz on Chapter 20\*Summative | MML Chapter 20 due today! | Describe Type I and Type II errors for given scenarios and determine the consequences for each. |

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