**ARC Week at Glance**

**Subject: Math Course: A.P. Statistics Grade: 11th – 12th Dates: 2/24 – 2/28**

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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**Assessment(s):** [x]  **Quiz** [ ]  **Unit Test** [x]  **MyMathLab/MathXL** [x]  **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** |  I am learning about statistical inference for proportions. | I can test hypotheses by performing significance tests for proportions. | Return Chapter 18 Quiz.Discuss commentary and exemplars | Notes, modeling and practice on Chapter 19: Testing Hypotheses about Proportions pages 493 – 496 | Guided Practice with #’s 1 and 9 pages 512 – 513#’s 2, 4, 6, & 10For HW | Read “P-Values: Are We Surprised?”Page 496 and summarize |
| **Tuesday** |  I am learning about statistical inference for proportions. | I can test hypotheses by performing significance tests for proportions. | Quick Compare with partner #’s 2, 4, 6, & 10 pages 512 - 513 | Notes, modeling and practice on Chapter 19: Testing Hypotheses about Proportions pages 497 – 499 | “For Example,” pages 502 – 503  | Interpret and explain the meaning of your confidence intervals for exercises #18 and #24. |
| **Wednesday** |  I am learning about statistical inference for proportions. | I can test hypotheses by performing significance tests for proportions. | “Just Checking” page 506 | Notes, modeling and practice on Chapter 19: Testing Hypotheses about Proportions pages 506 – 508 | MML 19.1 | Is there a home field advantage? How big is the advantage? |
| **Thursday** |  I am learning about statistical inference for proportions. | I can test hypotheses by performing significance tests for proportions. | OpenerP.H.A.N.T.O.M. | Practice & Review Ch 19\*Formative | MML 19.1 | What does the acronym P.H.A.N.T.O.M. hep you remember in order to give a complete response to hypotheses tests? |
| **Friday** | I am learning about statistical inference for proportions. | I can construct and interpret confidence intervals to estimate population parameters | Quick Study with Q&A | Quiz on Chapter 19\*Summative |  | Interpret and explain the meaning of your confidence intervals. |

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