**ARC Week at Glance**

**Subject: Math Course: A.P. Statistics Grade: 11th – 12th Dates: 2/17 – 2/21**

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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.**Assessment(s):** [ ]  **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** |  |  |  |  |  |  |
| **Tuesday** |  |  |  |  |  |  |
| **Wednesday** |  I am learning about statistical inference for proportions. | I can construct and interpret confidence intervals to estimate population parameters | Sample Size Revisited page 484 | #19 page 490With teacher guidance | FRQ #1 from 2011 | 19d- Should the company do the mailing? Why or why not? |
| **Thursday** |  I am learning about statistical inference for proportions. | I can construct and interpret confidence intervals to estimate population parameters | <https://digitalfirst.bfwpub.com/stats_applet/stats_applet_20_ciprop.html>Use statistical applet above to construct confidence intervals to make inferences for election polling | Practice Quiz - Chapter 18\*Formative | STUDY! MML 18 | Interpret and explain the meaning of your confidence intervals. |
| **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 18\*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 : \_\_\_\_\_\_\_\_\_\_\_