**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  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** |  |  |  |  |  |  |
| **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 490  With 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  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 : \_\_\_\_\_\_\_\_\_\_\_