**ARC Week at Glance**

**Subject: Math Course: A.P. Statistics Grade: 11th – 12th Dates: 11/11 – 11/15**

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| **AP Standard IIIA**: Students will be able to simulate random behavior and use their findings to determine and interpret probability.  **Assessment(s):  Quiz  Unit Test  MyMathLab/MathXL  Lab  FRQ’s** | | | | | | |
|  | **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** | Holiday |  |  |  |  |  |
| **Tuesday** | I am learning about planning and performing simulations to model random phenomena. | I can simulate random behavior and use my findings to determine and interpret probabilities. | Compare “Dorm Room Lottery” Simulations and discuss whether it was fair | “For Example: The game of 21” on Chapter 10: Understanding Randomness Notes for pages 274 - 277 then begin exercise#’s 2,4,6,8,28 & 31  pages 275 – 277 | #’s 2, 4, 6, 8, 28 and 31 pages 275 – 277 | Turn & Talk with partner (Opener) |
| **Wednesday** | I am learning about planning and performing simulations to model random phenomena. | I can simulate random behavior and use my findings to determine and interpret probabilities. | Turn & Talk about your solutions to Exercise#’s 2, 4, 6, 8, 28 and 31 pages 275 – 277 | FRQ #3 from 2001 | AP Scoring Rubric- self- analysis and scoring | Read AP Scoring Rubric- self- analyze and score |
| **Thursday** | I am learning about planning and performing simulations to model random phenomena. | I can simulate random behavior and use my findings to determine and interpret probabilities. | Share exemplars/ finish going over with feedback on #’s  2, 4, 6, 8, 28, and 31 pages 275 – 277 | Chapter 10 Practice & Review  \*formative | MyMathLab Chapter 10 due tomorrow! | Describe how you would perform this simulation.  Label, table, stop and identify! |
| **Friday** | I am learning about planning and performing simulations to model random phenomena. | I can simulate random behavior and use my findings to determine and interpret probabilities. | Quick Review with Q&A | **Chapter 10 Quiz** |  | Describe how you would perform this simulation. |

**\*** 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 : \_\_\_\_\_\_\_\_\_\_\_