**ARC Week at Glance**

**Subject: Math Course: A.P. Statistics Grade: 11th – 12th Dates: 8/25 – 8/29**

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| **Standard IB:** Students will be able to describe patterns and departures from patterns using positions, percentiles, and standardized scores (z-scores).**Standard IIIC:** Students will be able to describe properties of the Normal distribution and use it as a model for measurements.**Assessment(s):** [x]  **Quiz** [ ]  **Unit Test** [x]  **MathXL** [ ]  **Lab** [ ]  **FRQ** |
|  | **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 how to describe properties of Normal Distributions | I can calculate z-scores and use them to determine percentiles using the Empirical Rule | Just Checking page 102 | Notes and model examples for Chapter 5: Standard Deviation and the Normal Curve pages 107 – 111 | Study/Practice for the Quick Quiz on the Empirical Rule tomorrow | T&T: How do you determine the percentiles within 3 standard deviations of in the standard Normal curve? |
| **Tuesday** | I am learning how to use Normal models to determine percentiles | I can determine the area under and percentiles within Normal distributions | Just Checking page 116 | Notes and model examples for Chapter 5: Standard Deviation and the Normal Curve pages 111 – 116 | Project Exemplars and do nots with Empirical Rule | T & T: How do you determine percentiles under the standard Normal curve? (when z-score is non-integer) |
| **Wednesday** | M.A.P. Testing |  |  |  |  |  |
| **Thursday** | M.A.P. Testing |  |  |  |  |  |
| **Friday** | M.A.P. Testing |  |  |  |  |  |

**\***[ ]  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 [x]  Worked Examples [ ]  Other : \_\_\_\_\_\_\_\_\_\_\_