**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):  Quiz  Unit Test  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  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 : \_\_\_\_\_\_\_\_\_\_\_