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| Seguin Lesson Plan Template | Teacher | Calvin P. Boykin  |
| Week of  | 11/4/19 – 11/8/19 |
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|  |  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| ***Commit***  Describe the TEKS related to the day's lesson.  | RS: AR.2A, AR.2C, AR.2DWriting Cubic Functions | RS: AR.2A, AR.2C, AR.2DWriting Cubic Functions | RS: AR.2B, AR.2DModeling with Cubic Functions | RS: AR.2B, AR.2DTest over Quadratic FunctionsModeling with Cubic Functions | RS: AR.2A, AR.2C, AR.2DTest over Quadratic FunctionsTransforming and Analyzing Linear Functions |
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| ***Inspire***  Opening Hook/ Intro  | Cubic equations can help with finding the volume of 3D spaces and the weight of certain objects. | Cubic equations can help with finding the volume of 3D spaces and the weight of certain objects. | Real-world data rarely follows exact patterns, but we can use patterns in the data to look for trends. We can use these to create models that simulate the data set. | Real-world data rarely follows exact patterns, but we can use patterns in the data to look for trends. We can use these to create models that simulate the data set. | Transformations help us to determine how the graph changes by manipulating different variables in the equation. |
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| ***Acquire***  What knowledge or new skill will students be able to demonstrate at the end of the lesson?  | SWBAT find first, second and third finite differences to determine if a set of data is cubic, then write the equation for the set. | SWBAT find first, second and third finite differences to determine if a set of data is cubic, then write the equation for the set. | SWBAT create scatterplots and use the data points to model an exponential equation. | SWBAT create scatterplots and use the data points to model an exponential equation. | SWBAT look at the equation of the line and approximate the position, compression/stretch, and reflection of the graph. |
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| ***Apply***  How will students display knowledge or mastery of what they've learned?and/orHow will the learning be assessed?  | Students will complete an exit ticket consisting of 5 problems that will demonstrate mastery | Students will complete an exit ticket consisting of 5 problems that will demonstrate mastery | Students will complete an exit ticket consisting of 5 problems that will demonstrate mastery | Students will complete an exit ticket consisting of 5 problems that will demonstrate mastery | Students will complete an exit ticket consisting of 5 problems that will demonstrate mastery |
| **Plus Period Plan** Please indicate what remediation activity AND enrichment activity you will be focusing on during PLUS Period this week.  | Homework/Tutoring | Continue with Writing Quadratic Equations | Athletics |  Athletics |  Plus Period??? |
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