**Unit 4 Assignment Calendar Exponential Functions and Equations**

**GSE Algebra**

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| DATE | DAY | Topic of the Day | Assignment |
| 2/20 | 1 | Properties of Exponents ( No negative exponents) |  |
| 2/21 | 2 | Properties of Exponents With Negative Exponents |  |
| 2/22 | 3 | Solving Exponential Equations |  |
| 2/23 | 4 | Solving Exponential Equations |  |
| 2/26 | 5 | Solving Exponential Word Problems |  |
| 2/27 | 6 | Solving Exponential Word Problems |  |
| 2/28 | 7 | Solving Exponential Word Problems |  |
| 3/1 | 8 | Review for Quiz |  |
| **3/2** | 9 | **QUIZ** |  |
| 3/5 | 10 | Graphing Exponential Growth |  |
| 3/6 | 11 | Graphing Exponential Decay |  |
| 3/7 | 12 | Graphing Exponential Growth and DecayAnd Identifying Characteristics |  |
| 3/8 | 13 | Compare and Contrast Exponential Growth and Decay and their Characteristics |  |
| 3/9 | 14 | Digital Learning Day: Day 1 Transformations of Exponential Functions |  |
| 3/13 | 15 | Identifying Transformations of Exponential Functions |  |
| 3/14 | 16 | Review |  |
| 3/15 | 17 | Review |  |
| **3/16** | 18 | **TEST** |  |
| 3/19 | 18 | Arithmetic and Geometric SequencesExplicit Rule $a\_{n}= a\_{1 }( r) ^{n-1}$ |  |
| 3/20 | 19 | Arithmetic and Geometric SequencesRecursive Rule |  |
| 3/21 | 20 | Sequences Practice |  |
| 3/22 | 21 | **Quiz on Sequences** |  |