**Solving Exponential Functions**

**~ Unit 11 Self-Pacing Guide ~**

Suggested/planned completion dates are given in the right-hand column. Any change of plans will be announced in class for you to adjust on your paper!

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| Check When Complete | **Lesson 11.1 ~ Solving Exponential Equations** | | | | | | | | | | | Thurs  2/6 |
|  | Watch video & take notes (CraycraftsMathCrew.com) | | | | | | | | | | |
|  | Independent Practice: “11.1 – Solving Exponential Equations” (DeltaMath) | | | | | | | | | | |
|  | Mastery Check (In Class) | | | | | | | | | | |
| Check When Complete | **Lesson 11.2 ~ Solving Exponential Equations Using Logarithms** | | | | | | | | | | | Fri 2/7 – Mon 2/10 |
|  | Watch video & take notes (CraycraftsMathCrew.com) | | | | | | | | | | |
|  | Independent Practice: “11.2 – Solving Exponential Equations Using Logarithms” (DeltaMath) | | | | | | | | | | |
|  | Mastery Check (In Class) | | | | | | | | | | |
| Check When Complete | **Whole Class Lesson - J** | | | | | | | | | | | Tues 2/11 |
|  | Class Lesson – “Half Life & Carbon Dating” | | | | | | | | | | |
| **Total/60** | **Tasks** | **Half-Life Table**  **(40 pts)** | **Egypt**  **(4 pts)** | | **Rome**  **(4 pts)** | | **China**  **(4 pts)** | | **Mayan**  **(4 pts)** | | **Europe**  **(4 pts)** |
|  | **Completed?** |  |  | |  | |  | |  | |  |
| Check When Complete | **Lesson 11.3 ~ Base “e” & Natural Logarithms** | | | | | | | | | | | Wed 2/12 |
|  | Watch video & take notes (CraycraftsMathCrew.com) | | | | | | | | | | |
|  | Independent Practice: “11.3 – Base “e” & Natural Logarithms” (DeltaMath) | | | | | | | | | | |
|  | Mastery Check (In Class) | | | | | | | | | | |
| Check When Complete | **Lesson 11.4 ~ Applications of Exponential Functions** | | | | | | | | | | | Thurs 2/13 |
|  | Watch video & take notes (CraycraftsMathCrew.com) | | | | | | | | | | |
|  | Independent Practice: “11.4 – Applications of Exponential Functions” (DeltaMath) | | | | | | | | | | |
|  | Start working on “Solve Exponentials – Unit 11 Review” (MathXLforSchool.com) | | | | | | | | | | |
|  | Mastery Check (In Class) | | | | | | | | | | |
| Check When Complete | **Whole Class Lesson - K** | | | | | | | | | | | Tues 2/18 |
|  | Class Lesson – “Archaeological Dig” | | | | | | | | | | |
| **Total/50** | **Tasks** | **Dead Sea Scrolls**  **(10 pts)** | | **Otzi Ice Man**  **(10 pts)** | | **Stonehenge**  **(10 pts)** | | **Chauvet Cave (10 pts)** | | **Wrangel Mammoths**  **(10 pts)** | |
|  | **Completed?** |  | |  | |  | |  | |  | |
| Check When Complete | **Unit Mastery Check** | | | | | | | | | | | Wed 2/19 – Tues 2/25 |
|  | **Wednesday - Thursday, 2/19 – 2/20**: Make sure lessons **J and K are COMPLETE**!!!! Also finish any EdPuzzle, DeltaMath, Mastery Check, and/or MathXL assignments! | | | | | | | | | | |
|  | **Friday, 2/21**: Solve Exponentials – DFA 11A | | | | | | | | | | |
|  | **Monday, 2/24**: Reteach lesson (most-missed problems) with Re-Focus (MathXL) | | | | | | | | | | |
|  | **Tuesday, 2/25**: Solve Exponentials – DFA 11B | | | | | | | | | | |

**Lessons J & K are worth a LOT.**

They are also going in to BOTH Algebra 2 and Math Applications gradebooks!

**They are PRIORITY #1 this unit!!!!!**