Susanna Gawlik Lesson Plans Math-Grade 8 Week of May 7-11, 2018

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| TWMM Text  Growing, Growing, Growing | Monday 5-7 | Tuesday 5-8 | Wednesday 5-9  Cont. from Tuesday | Thursday 5-10 | Friday 5-11 |
| CCSS/MAS  8. FA.2-3 Define, evaluate and compare functions  8. EE.A.3 Work with radicals and integer exponents. | TSC investigate exponential growth and exponential functions (8.FA.2-3)  By exploring situations that involve repeated quadrupling. | TSC investigate exponential growth and exponential functions (8.FA.2-3)  By exploring situations that involve repeated quadrupling. | TSC investigate exponential growth and exponential functions (8.FA.2-3)  By exploring and comparing situations that involve repeated quadrupling. | TSC understand that a function is a rule that assigns to each input exactly one output. (8.FA.1)  By creating and looking for patterns in a table, graph, and equation representing the growth pattern. | Khan Academy Mappers |
| Language Objective  WIDA Accommodations  (reading-follow along with teacher; writing-model teacher note-taking, answer questions; speaking- practice using math terminology and the English language. | TSC read and write to answer questions about exponential growth and exponential functions (8.FA.2-3)  Using exploratory questions from Problem 1.3 A-D pages 11-13. | TSC read and write to answer questions about exponential functions and growth (8.FA.2-3)  Using exploratory questions from Problem 1.3 A-D Applications 1-3 pages 11-13 | TSC read and write to answer questions about exponential functions and exponential growth (8.FA.2-3)  Using exploratory questions from Problem 1.3 Applications A-D pages 20-21 and 51 | TSC read and write to understand that a function is a rule that assigns to each input exactly one output. (8.FA.1)  Using exploratory questions from Problem 2.1 A-C pages 28-29 |  |
| Assessment | Informal oral assessment of Problem 1.3 | Informal oral assessment of Problem 1.3 | Formative assessment of Problem 1.3 pgs20-21; 24 Applications 17-23; 51 | Informal oral assessment of Problem 2.1 A-C. |  |
| Accommodations | Calculators, large group instruction, teacher-student discussion, | Calculators, large group instruction, teacher-student discussion, | Lab sheet 1 ACE (ex 17-21; 51) calculators | Large group instruction A/B partners/ teacher assistance, graph paper | Individual/Small group, teacher assistance |
| Vocabulary | Base, exponent, **exponential form, exponential functions, exponential growth, growth factor,** scientific notation, standard form | Base, exponent, **exponential form, exponential functions, exponential growth, growth factor,** scientific notation, standard form | Base, exponent, **exponential form, exponential functions, exponential growth, growth factor,** scientific notation, standard form | Base, exponent, **exponential form, exponential functions, exponential growth, growth factor,** scientific notation, standard form | Base, exponent, **exponential form, exponential functions, exponential growth, growth factor,** scientific notation, standard form |
| Exit Stem |  |  |  |  |  |

Lesson plans can change at any time by the discretion of the teacher.