**8th Grade Math – Resource**

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| **Teacher** | Tammy Gaffney | **Subject:** | | Math – resource | |
| **Date:** | **Beginning: 08/28/17 Ending: 09/01/17** | **Grades:** | | 8 | |
| **Standard(s):** | MGSE8.EE.1, MGSE8.EE.3 | | | | |
| ***I Can …*** | I can demonstrate knowledge of 7th grade standards.  I can model appropriate 8th grade expectations inside the classroom, hallway, cafeteria and school.  I can evaluate expressions using the exponent properties.  I can apply the properties of integer exponents to make equivalent expressions with multiple variables.  I can name the exponent properties and distinguish between them.  I can identify whether quantities are expressed in standard notation or scientific notation.  I can express very small and/or very large numbers in scientific notation.  I can convert between standard notation and scientific notation. | | | | |
| **This Week:** | **Monday-**  **\*Discuss New Procedures for Warm Up’s, “ISM folders” (a.k.a. Individual Student Math Folders) and Expected Daily work with completion expectations and dates.**  Monday – Begin ISM Daily Math work  Individual conferencing or group instruction for remediation  **Redo – Exponent Rule Foldable – Graphic Organizer – Keeper used for unit 2**  Group A Remediate using foldable  Go over “Which One Doesn’t Belong”  Group B Remediate using foldable  Go over “Why Is It 1?”  Properties of exponents with multiple variables  Exponential Exponents DOE Task – guided practice and independent  Weekly Homework Sheet Given Rework Q:  **Tuesday-**  Go over “ISM” Sheet  Powers of 10 guided notes  DOE Task Why negative exponents create fractions graphic organizer  Guided and independent practice Multiple variables  USA test prep assignment  **Wednesday-**  Go over “ISM” Sheet  Which Doesn’t Belong? (MIFL)  Facts and Fibs (MIFL)  Exponent Practice – Due in Class or for homework  **Thursday-**  Go over “ISM” Sheet  Size it Up FAL  Properties of exponents multiple variables mixed review placemat/quiz  Properties of Exponents Quiz MGSE8.EE.1 USA Testprep  **Friday -**  “ISM” Quiz  Group A = Immediate Remediate – Practice problems Exponents w/ Vairables  Requiz if necessary  Scientific Notation Foldable  Converting Standard Notation to Scientific Notation | | | | |
| **DOK Level** | **Activities / Assignments / Questions** | | **Assessment** | | |
| **­­1**  Remediation | Weekly spiraled homework checks and quizzes | | Formative  Summative | | Selected Response  Constructed Response  Verbal  Rubric  Other |
| **2** | Identify quantities written in expanded form vs exponential form  Rewrite expressions using exponents  Guided practice using the properties of exponents  Exponent properties quiz  Estimating Length Using Scientific Notation FAL – Identify quantities properly written in scientific notation; convert and compare quantities written in scientific notation  Properties of Exponents | | Formative  Summative | | Selected Response  Constructed Response  Verbal  Rubric  Other – |
| **3** | FAL – Apply understanding of quantities written in scientific notation to real-world objects. Compare and link with photos of objects of varying sizes.  Fact and Fib (MIFL)  Which Doesn’t Belong (MIFL) | | Formative  Summative | | Selected Response  Constructed Response  Essay  Verbal  Rubric  Other – |
| **4** | Exponential Exponents DOE Task – When given a number, create an equivalent expression using each exponent property | | Formative  Summative | | Selected Response  Constructed Response  Essay  Verbal  Rubric  Other – |
| **Summarizing**  **Activity:** | Weekly homework quiz  Bow-Tie  Placemat  DOE Task  Math in the Fast Lane (MIFL)  MGSE8.EE.1 USA Testprep Quiz | | | | |
| **Resources** | USA Testprep  DOE Task  Math In The Fast Lane (MIFL)  GADOE Task – Exponential Exponents  Scientific Notation FAL – http://mathshell.org | | | | |

**8th Grade Math – Cotaught**

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| **Teacher** | Tammy Gaffney / Michelle Parks | **Subject:** | | Math – co-taught | |
| **Date:** | **Beginning: 08/28/17 Ending: 09/01/17** | **Grades:** | | 8 | |
| **Standard(s):** | MGSE8.EE.1, MGSE8.EE.3, MGSE8.EE.4 | | | | |
| ***I Can …*** | I can evaluate expressions using the exponent properties.  I can apply the properties of integer exponents to make equivalent expressions with multiple variables.  I can name the exponent properties and distinguish between them.  I can identify whether quantities are expressed in standard notation or scientific notation.  I can express very small and/or very large numbers in scientific notation.  I can convert between standard notation and scientific notation.  I can add, subtract, multiply, and divide quantities written in scientific notation. | | | | |
| **This Week:** | **Monday-**  Scientific Notation OMG Flipbook  Scientific Notation Notes  Converting Between Scientific and Standard Notation Guided Practice  Converting Between Scientific and Standard Notation  Independent Practice Give out weekly homework sheet  **Tuesday-**  Multiplying and Dividing Scientific Notation Notes and Guided Practice  Multiplying and Dividing Scientific Notation Independent Practice  Weekly Homework Sheet  **Wednesday-**  Continue Multiplying and Dividing Scientific Notation  Which Doesn’t Belong? (MIFL)  Facts and Fibs (MIFL)  Weekly Homework Sheet  **Thursday-**  USA Testprep Quiz EE.3  Adding and Subtracting Scientific Notation Notes and Guided Practice  **Friday-**  Weekly Homework Quiz  Adding and Subtracting Scientific Notation Independent Practice  Homework Quiz | | | | |
| **DOK Level** | **Activities / Assignments / Questions** | | **Assessment** | | |
| **­­1**  Remediation | Weekly spiraled homework checks and quizzes  IXL  USA Testprep Practice | | Formative  Summative | | Selected Response  Constructed Response  Verbal  Rubric  Other |
| **2** | Identify quantities written in expanded form vs exponential form  Rewrite expressions using exponents  Identify quantities written in scientific notation and standard form.  Convert between scientific and standard notation. | | Formative  Summative | | Selected Response  Constructed Response  Verbal  Rubric  Other – |
| **3** | Multiply and divide quantities written in scientific notation  Add and subtract quantities written in scientific notation | | Formative  Summative | | Selected Response  Constructed Response  Essay  Verbal  Rubric  Other – |
| **4** | Exponential Exponents DOE Task – When given a number, create an equivalent expression using each exponent property. | | Formative  Summative | | Selected Response  Constructed Response  Essay  Verbal  Rubric  Other – |
| **Summarizing**  **Activity:** | Weekly homework quiz  Bow-Tie  Placemat  DOE Task  Math in the Fast Lane (MIFL)  MGSE8.EE.1 USA Testprep Quiz | | | | |
| **Resources** | USA Testprep  DOE Task  Math In The Fast Lane (MIFL)  GADOE Task – Exponential Exponents  Scientific Notation FAL – http://mathshell.org | | | | |