**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 workIndividual conferencing or group instruction for remediation **Redo – Exponent Rule Foldable – Graphic Organizer – Keeper used for unit 2**Group A Remediate using foldableGo over “Which One Doesn’t Belong” Group B Remediate using foldableGo 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 notesDOE 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 FALProperties 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/ VairablesRequiz if necessaryScientific Notation Foldable Converting Standard Notation to Scientific Notation |
| **DOK Level** | **Activities / Assignments / Questions** | **Assessment** |
| **­­1**Remediation | Weekly spiraled homework checks and quizzes | [x]  Formative[ ]  Summative | [x] Selected Response[ ] Constructed Response[x] 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 quizEstimating Length Using Scientific Notation FAL – Identify quantities properly written in scientific notation; convert and compare quantities written in scientific notation Properties of Exponents | [x]  Formative[ ]  Summative | [x] 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) | [x]  Formative[ ]  Summative | [x] 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 | [x]  Formative[ ]  Summative | [x] Selected Response[x] Constructed Response[ ] Essay[ ] Verbal[ ] Rubric[ ] Other – |
| **Summarizing****Activity:** | Weekly homework quiz Bow-Tie PlacematDOE 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 PracticeConverting Between Scientific and Standard NotationIndependent Practice Give out weekly homework sheet**Tuesday-** Multiplying and Dividing Scientific Notation Notes and Guided PracticeMultiplying 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 quizzesIXL USA Testprep Practice | [x]  Formative[ ]  Summative | [x] Selected Response[ ] Constructed Response[x] Verbal[ ] Rubric[ ] Other  |
| **2** | Identify quantities written in expanded form vs exponential form Rewrite expressions using exponentsIdentify quantities written in scientific notation and standard form. Convert between scientific and standard notation. | [x]  Formative[ ]  Summative | [x] Selected Response[ ] Constructed Response[ ] Verbal[ ] Rubric[ ] Other –  |
| **3** | Multiply and divide quantities written in scientific notation Add and subtract quantities written in scientific notation | [x]  Formative[ ]  Summative | [x] 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. | [x]  Formative[ ]  Summative | [x] Selected Response[x] Constructed Response[ ] Essay[ ] Verbal[ ] Rubric[ ] Other – |
| **Summarizing****Activity:** | Weekly homework quiz Bow-Tie PlacematDOE 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 |