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| East Meadow Schools |
| CAP 2013-2014 |
| Grade 7 Math- Common Core Enrichment |
| Common Core Curriculum Map |
| **Thomas Gropf- Coordinator** |
| **Judy Harmon** |

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Abstract & Resources

Grade 7 Math- Common Core Enrichment

The purpose of this cap is to align the curriculum to the New York State Common Core Standards and the published modules. The following modules are included:

* Module 1: Ratios and Proportional Relationships
* Module 2: Rational Numbers
* Module 3: Expressions and Equations
* Module 4: Percent and Proportional Relationships
* Module 5: Statistics and Probability
* Module 6: Geometry

The following resources are to be used to help teachers address the needs of all students:

Engage NY Modules [M]

Go Math 7th grade Differentiated Instruction [GM]

Buckle Down Common Core 7th grade [BD]

<http://www.mathworksheetsland.com/7/>

<http://mathlearnnc.sharpschool.com/cms/One.aspx?portalId=4507283&pageId=5149151>

<http://www.livebinders.com/play/play?id=380192>

<http://learnzillion.com/>

<http://www.sharemylesson.com/>

<http://www.ixl.com/standards/common-core/math/grade-7>

<http://katm.org/wp/wp-content/uploads/flipbooks/7th_FlipBookEdited21.pdf>

<http://njctl.org/courses/math/7th-grade/>

<http://thinkmath.blog.monroe.edu/fluency-sprints/>

[http://www.engageny.org](http://www.engageny.org/)

[http://www.math.com](http://www.math.com/)

<http://www.brainpop.com/>

<http://www.kutasoftware.com/free.html>

<http://www.mathworksheetsland.com/7/>

<http://www.math-drills.com/multiplication.shtml#Frenzy>

<https://www.khanacademy.org/math/arithmetic>

The Common Core Standards have been integrated into the math curriculum through the pacing calendar. These standards provide for a greater examination of the math concepts by the students. Additionally, this CAP includes a teacher friendly guide to the modules and aligns the New York State Standards to the Common Core. This will help prepare the students for the Math Assessment that they take in April.

Rationale

Grade 7

Grade 7 Math- Enrichment Common Core - CAP

Summer 2013

The rationale for this CAP is based on the change in the New York State Standards for the 7th grade. The New York State Core Curriculum adjusted the topics taught in the 7th grade. The new topics are organized into modules that go into more depth than previous years. As a result, we needed to find new resources to make an easy transition for the students entering 7th. The Common Core practices seek to develop math proficiency in students and establish a thorough understanding of math practices. The pacing calendar was developed to make the best use of the time needed to prepare the students for the upcoming exams based on the Common Core Standards and the new modules.

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| j0078705 **SEPTEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 2** | **September 3** | **September 4** | **September 5** | **September 6** |
| **Labor Day** |  | **1st Day of School** | **Rosh Hashanah** | **Rosh Hashanah** |
| **No School** | **Superintendent Conference Day** | **6th Grade Morning**  **7th-8th Grade Afternoon** | **No School** | **No School** |
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| **j0078705SEPTEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 9** | **September 10** | **September 11** | **September 12** | **September 13** |
|  |  | **6.RP.1** |  | **6.RP.1** |
| Introduction  Discuss classroom rules and procedures.  Math Sprint at beginning and end of class. Adding Decimals. |  | Vocabulary for Module 1  Matching game (Like Memory). Put vocab words and definitions of vocab words on different index cards and have students try to match them like you do in the game memory.  Math Sprint at beginning and end of class. Subtracting Decimals. |  | Ratios and Rates  Go over real like examples. For example, compare how many eyes of a cat to feet of a cat. Can ask students to about their summer vacation to show examples of different ratios and rates.  Math Sprint at beginning and end of class. Have students count different shapes and put in a ratio. |
|  |  | Go Math: Differentiated Instruction Workbook, pgs. 82 to 87.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | Go Math: Differentiated Instruction Workbook, pgs. 82 to 87.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [https://www.khanacademy.org/ math/arithmetic/rates-and-ratios/ratios\_and\_proportions/v/ratios-as-fractions-in-simplest-form](https://www.khanacademy.org/%20math/arithmetic/rates-and-ratios/ratios_and_proportions/v/ratios-as-fractions-in-simplest-form) |
| http://www.sharemylesson. com/ teaching-resource/Clothesline-Numbers-Number-Magnitude-50011010/ |  | <http://www.sharemylesson.com/> |  | <http://www.sharemylesson.com/>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

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| **j0078705SEPTEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 16** | **September 17** | **September 18** | **September 19** | **September 20** |
|  | **6.RP.1** |  | **6.RP.2** |  |
|  | Ratio Activity  Create your own classroom election. Have students vote on different candidates and have students create different ratios based on the results.  Math Sprint at beginning and end of class. Adding 1, 2, and 3 digit numbers. |  | Unit Rate  a:b  b ≠ 0  Basic Review of Unit Rate.  Beginning of class: math sprint multiplication Fact A  End of class: math sprint multiplication Fact B  Use website to get math sprints |  |
|  | Go Math: Differentiated Instruction Workbook, pgs. 82 to 87.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [https://www.khanacademy.org/ math/arithmetic/rates-and-ratios/ratios\_and\_proportions/v/ratios-as-fractions-in-simplest-form](https://www.khanacademy.org/%20math/arithmetic/rates-and-ratios/ratios_and_proportions/v/ratios-as-fractions-in-simplest-form) |  | Go Math: Differentiated Instruction Workbook, pgs. 82 to 87.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [https://www.khanacademy.org/ math/arithmetic/rates-and-ratios/ratios\_and\_proportions/v/ratios-as-fractions-in-simplest-form](https://www.khanacademy.org/%20math/arithmetic/rates-and-ratios/ratios_and_proportions/v/ratios-as-fractions-in-simplest-form) |  |
|  | <http://www.sharemylesson.com/>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [http://thinkmath.blog.monroe.edu/ fluency-sprints/](http://thinkmath.blog.monroe.edu/%20fluency-sprints/)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |

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| **j0078705 SEPTEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 23** | **September 24** | **September 25** | **September 26** | **September 27** |
|  |  | **6.RP.2** |  | **6.RP.2** |
| Mid Module 1 Review Day  Do a review activity with the students. |  | Real Life Word Problems  For ex. Recipes involving ratios.  Math Sprint at beginning and end of class. Write different ratios as a fraction.  Show Khan Academy Video |  | Problem Solving (Students will work in groups)  Ex. Find the cost per item.  Math Sprint at beginning and end of class. Dividing.  Show Khan Academy Video |
|  |  | Go Math: Differentiated Instruction Workbook, pgs. 82 to 87.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [https://www.khanacademy.org/ math/arithmetic/rates-and-ratios/ratios\_and\_proportions/v/ratios-as-fractions-in-simplest-form](https://www.khanacademy.org/%20math/arithmetic/rates-and-ratios/ratios_and_proportions/v/ratios-as-fractions-in-simplest-form) |  | Go Math: Differentiated Instruction Workbook, pgs. 82 to 87.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [https://www.khanacademy.org/ math/arithmetic/rates-and-ratios/rates\_tutorial/v/finding-unit-prices](https://www.khanacademy.org/%20math/arithmetic/rates-and-ratios/rates_tutorial/v/finding-unit-prices) |
| CLARKE: Meet the Teacher |  | WDLD: Meet the Teacher  [http://www.sharemylesson.com/ teaching-resource/Introduction-to-Rate-and-Unit-Rate-50009353/](http://www.sharemylesson.com/%20teaching-resource/Introduction-to-Rate-and-Unit-Rate-50009353/) |  | [http://www.sharemylesson.com/ teaching-resource/Introduction-to-Rate-and-Unit-Rate-50009353/](http://www.sharemylesson.com/%20teaching-resource/Introduction-to-Rate-and-Unit-Rate-50009353/) |

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| **j0078705SEPTEMBER/OCTOBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 30** | **October 1** | **October 2** | **October 3** | **October 4** |
|  | **6.RP.3a** |  | **6.RP.3a** |  |
|  | Real World Word Problems  Hands on using table and tape diagrams.  Math Sprint at beginning and end of class. Finish the pattern. For ex. 1, 3, 5…  Show Khan Academy Video |  | Real World Word Problems  Hands on using double line diagrams.  Math Sprint at beginning and end of class. Fill in the missing numbers in the different tables.  Show Khan Academy Video |  |
|  | Go Math: Differentiated Instruction Workbook, pgs. 82 to 87.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | Go Math: Differentiated Instruction Workbook, pgs. 82 to 87.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |
|  | [http://www.sharemylesson.com/ teaching-resource/Using-Tape-Diagrams-and-Ratio-Tables-50009352/](http://www.sharemylesson.com/%20teaching-resource/Using-Tape-Diagrams-and-Ratio-Tables-50009352/) |  | [http://www.sharemylesson.com/ teaching-resource/Using-Tape-Diagrams-and-Ratio-Tables-50009352/](http://www.sharemylesson.com/teaching-resource/Using-Tape-Diagrams-and-Ratio-Tables-50009352/) |  |

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| **j0078705OCTOBER 2013** | | | | | | | | |
| Monday | Tuesday | | Wednesday | | Thursday | | Friday | |
| **October 7** | **October 8** | | **October 9** | | **October 10** | | **October 11** | |
| **6.RP.3b** |  | | **6.RP.3c** | |  | | **6.RP.3d** | |
| Solving Unit Rate Word Problem.  Use Manipulative for examples.  Math Sprint at beginning and end of class. Identify different math properties.  Show Khan Academy Video |  | | Find percent as a rate per 100  Math Sprint at beginning and end of class. Percent to Fraction and Fraction to Percent.  Show Khan Academy Video | |  | | Convert Measurement Units: Customary and Metric.  Matching game (Like Memory). For example put 1 foot and 12 inches on different index cards and have students try to match them like you do in the game memory.  Math Sprint at beginning and end of class.  Show Khan Academy Video | |
| Go Math: Differentiated Instruction Workbook, pgs. 82 to 87.  <https://www.khanacademy.org/math/arithmetic/rates-and-ratios/rates_tutorial/v/finding-unit-rates>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | | <https://www.khanacademy.org/math/arithmetic/decimals/percent_tutorial/v/finding-percentages-example> | |  | | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  <https://www.khanacademy.org/math/arithmetic/rates-and-ratios/metric-system-tutorial/v/u-s--customary-and-metric-units> | |
| <http://www.sharemylesson.com/teaching-resource/World-Practice-with-Rates-and-Unit-Rates-50009354/> |  | | <http://www.sharemylesson.com/>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) | |  | | <http://www.sharemylesson.com/> | |
| **j0078705OCTOBER 2013** | | | | | | | |
| Monday | Tuesday | Wednesday | | Thursday | | Friday | |
| **October 14** | **October 15** | **October 16** | | **October 17** | | **October 18** | |
|  |  | **6.G.3** | |  | |  | |
| Columbus Day  No School |  | Draw Polygons on the Coordinate Plane  Use manipulatives for examples.  Math Sprint at beginning and end of class. Find the missing numbers in two fractions.  Show Khan Academy Video | |  | | End Module 1 Review Day  Do a review activity with the students.    <http://www.mathworksheetsland.com/7/> | |
|  |  | <https://www.khanacademy.org/math/algebra/linear-equations-and-inequalitie/coordinate-plane/v/the-coordinate-plane> | |  | | <http://www.internet4classrooms.com/common_core/ratios_proportional_relationships_seventh_7th_grade_math_mathematics.htm> | |
|  |  | <http://www.sharemylesson.com/>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) | |  | | <http://www.sharemylesson.com/teaching-resource/Review-of-Ratios-and-Rates-Unit-50009357/>  <http://www.sharemylesson.com/teaching-resource/Number-CSI-Solve-the-and-quot-Crime-and-quot-6120824/> | |

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| **j0078705OCTOBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 21** | **October 22** | **October 23** | **October 24** | **October 25** |
|  | **6.NS.6** |  | **7.NS.1a, 6.NS.5** |  |
|  | Number Lines  Activity. (Give each student a #, and create a human number line.  Math Sprint at beginning and end of class. Put numbers in order greatest to least, and least to greatest.  Show Khan Academy Video |  | Write +/- integers to describe temperature, above/below zero, elevation, above/below sea level, credits/debits…  Math Sprint at beginning and end of class. Adding integers.  Show Khan Academy Video |  |
|  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [https://www.khanacademy.org/ math/arithmetic/absolute-value/abs\_value\_tutorial/v/absolute-value-and-number-lines](https://www.khanacademy.org/%20math/arithmetic/absolute-value/abs_value_tutorial/v/absolute-value-and-number-lines) |  | Go Math: Differentiated Instruction Workbook, pgs. 1 to 25.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |
|  | <http://www.sharemylesson.com/>  http://www.mathsisfun.com /number-line.html |  | <http://www.sharemylesson.com/> |  |

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| **j0078705OCTOBER/NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 28** | **October 29** | **October 30** | **October 31** | **November 1** |
| **7.NS.1a,b, 6.NS.6a** |  | **7.NS.1c, 6.NS.7c** |  |  |
| Opposite Quantities combine to make zero.  Additive Inverse  Real World Concepts  Use manipulatives to show opposite quantities that combine to make zero.  Use number line to show opposite numbers combine to make zero.  Math Sprint at beginning and end of class. Identify different math properties. |  | Absolute Value  Use number line to show examples of absolute value. Show that the distance between two rational numbers on the number line is the absolute value of their difference.  Show real world examples.  Math Sprint at beginning and end of class. Find the absolute value of different numbers.  Show Khan Academy Video |  | Mid Module 2 Review Day  Do a review activity with the students. |
| [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | Go Math: Differentiated Instruction Workbook, pgs.45 to 80.  [https://www.khanacademy.org/ math/arithmetic/absolute-value/abs\_value\_tutorial/v/absolute-value-and-number-lines](https://www.khanacademy.org/%20math/arithmetic/absolute-value/abs_value_tutorial/v/absolute-value-and-number-lines) |  |  |
| <http://www.sharemylesson.com/> |  | <http://www.sharemylesson.com/>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |  |

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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 4** | **November 5** | **November 6** | **November 7** | **November 8** |
|  | **Election Day** | **7.NS.1c,d** |  | **7.NS.1c,d** |
|  | **Superintendent Conference Day** | Subtracting Rational Numbers  Day 1  Math Sprint at beginning and end of class. Subtract Integers.  Show Khan Academy Video |  | Subtracting Rational Numbers  Day 2  Math Sprint at beginning and end of class. Subtracting and Adding Integers.  Show Khan Academy Video |
|  |  | Go Math: Differentiated Instruction Workbook, pgs. 1 to 25, 45 to 80. |  | Go Math: Differentiated Instruction Workbook, pgs. 1 to 25, 45 to 80. |
|  |  | <http://www.sharemylesson.com/>  [http://www.mathgoodies.com/ lessons/toc\_vol5.html](http://www.mathgoodies.com/%20lessons/toc_vol5.html)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | <http://www.sharemylesson.com/>  [http://www.mathgoodies.com/ lessons/toc\_vol5.html](http://www.mathgoodies.com/%20lessons/toc_vol5.html)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 11** | **November 12** | **November 13** | **November 14** | **November 15** |
| **Veterans Day** |  | **7.NS.2a** |  | **7.NS.2b** |
| Veterans Day  No School |  | Multiplying Rational Numbers  Math Sprint at beginning and end of class. Multiplying Integers.  Show Khan Academy Video |  | Dividing Rational Numbers  Math Sprint at beginning and end of class. Dividing Integers.  Show Khan Academy Video |
|  |  | Go Math: Differentiated Instruction Workbook, pgs. 26 to 80.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | Go Math: Differentiated Instruction Workbook, pgs. 26 to 80.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |
|  |  | <http://www.sharemylesson.com/>  [http://www.mathgoodies.com/ lessons/toc\_vol5.html](http://www.mathgoodies.com/%20lessons/toc_vol5.html) |  | <http://www.sharemylesson.com/>  [http://www.mathgoodies.com/ lessons/toc\_vol5.html](http://www.mathgoodies.com/%20lessons/toc_vol5.html) |

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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 18** | **November 19** | **November 20** | **November 21** | **November 22** |
|  | **7.NS.2d** |  | **7.NS.3** |  |
|  | Convert Rational Numbers to Decimals, and Decimals to Rational Numbers.  Students must be able to do long division and recognize when a number is repeating, terminates or is nonterminating.  Math Sprint at beginning and end of class. Fraction to Decimal, Decimal to Fraction  Show Khan Academy Video |  | Solve real-world and mathematical problems involving the four operations with rational numbers.  Play Game Like Jeopardy where students can pick which operation they like to solve.  Math Sprint at beginning and end of class. Times Tables.  Show Khan Academy Video |  |
|  | [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/conv\_rep\_decimals/v/coverting-repeating-decimals-to-fractions-1](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/conv_rep_decimals/v/coverting-repeating-decimals-to-fractions-1) |  |  |  |
|  | <http://www.sharemylesson.com/>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | <http://www.sharemylesson.com/>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |

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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 25** | **November 26** | **November 27** | **November 28** | **November 29** |
|  |  | **7.EE.2, 6.EE.2a** | **Thanksgiving Recess** | **Thanksgiving Recess** |
| End Module 2 Review Day  Do a review activity with the students. |  | Identifying Words and Mathematical Phrases.  Have students create a chart for all 4 operations and have them come up with words and phrases for each operation.  Math Sprint at beginning and end of class. Adding fractions.  Show Khan Academy Video  **Woodland Meet the Parents Day** | **Thanksgiving Recess**  **No School** | **Thanksgiving Recess**  **No School** |
|  |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |  |
| http://www.mathworksheets land.com/7/ |  | [http://www.sinclair.edu/centers/ mathlab/pub/findyourcourse /handouts/ WordsAnd MathematicalPhrases.pdf](http://www.sinclair.edu/centers/%20mathlab/pub/findyourcourse%20/handouts/%20WordsAnd%20MathematicalPhrases.pdf) |  |  |

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| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 2** | **December 3** | **December 4** | **December 5** | **December 6** |
| **7.EE.2, 6.EE.2a** |  | **6.EE.2a** |  | **6.EE.2b** |
| Identifying Words and Mathematical Phrases.  Have students create a chart for all 4 operations and have them come up with words and phrases for each operation.  Math Sprint at beginning and end of class. Adding fractions.  Show Khan Academy Video | **Clarke Meet the Parents Day** | Write mathematical expressions using key words and mathematical phrases.  Math Sprint at beginning and end of class. Subtracting fractions.  Show Khan Academy Video |  | Translate mathematical expressions.  Math Sprint at beginning and end of class. Multiplying fractions.  Show Khan Academy Video |
| [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | Go Math: Differentiated Instruction Workbook, pgs. 120 to 125.  [https://www.khanacademy.org/ math/algebra/introduction-to-algebra/writing-expressions-tutorial/v/writing-expressions-1](https://www.khanacademy.org/%20math/algebra/introduction-to-algebra/writing-expressions-tutorial/v/writing-expressions-1) |  | Go Math: Differentiated Instruction Workbook, pgs. 120 to 125.  [https://www.khanacademy.org/ math/algebra/introduction-to-algebra/writing-expressions-tutorial/v/writing-expressions-1](https://www.khanacademy.org/%20math/algebra/introduction-to-algebra/writing-expressions-tutorial/v/writing-expressions-1) |
| [http://www.sinclair.edu/centers/ mathlab/pub/findyourcourse /handouts/ WordsAnd MathematicalPhrases.pdf](http://www.sinclair.edu/centers/%20mathlab/pub/findyourcourse%20/handouts/%20WordsAnd%20MathematicalPhrases.pdf) |  | [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/%20uploads/1/3/3/2/13326226/%20final_draft_grade7expressions%20equations-1.docx)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

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| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 9** | **December 10** | **December 11** | **December 12** | **December 13** |
|  | **6.EE.2b** |  | **6.EE.2c** |  |
|  | Evaluate Basic Expressions.  Math Sprint at beginning and end of class. Dividing fractions.  Show Khan Academy Video |  | Evaluate Higher Order Thinking Expressions.  Math Sprint at beginning and end of class. Adding Decimals  Show Khan Academy Video |  |
|  | Go Math: Differentiated Instruction Workbook, pgs. 120 to 125.  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/exp\_unknown\_vars/v/evaluating-expressions-where-individual-variable-values-are-unknown](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/exp_unknown_vars/v/evaluating-expressions-where-individual-variable-values-are-unknown)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | Go Math: Differentiated Instruction Workbook, pgs. 120 to 125.  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/exp\_unknown\_vars/v/evaluating-expressions-where-individual-variable-values-are-unknown](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/exp_unknown_vars/v/evaluating-expressions-where-individual-variable-values-are-unknown)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |
|  | [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx) |  | [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx) |  |

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| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 16** | **December 17** | **December 18** | **December 19** | **December 20** |
| **6.EE.2c** |  |  |  | **6.EE.6** |
| Evaluate Expressions used in real world problems.  Math Sprint at beginning and end of class. Subtracting Decimals.  Show Khan Academy Video |  | Mid Module 3 Review Day  Do a review activity with the students. |  | Substitute numbers for variables to solve the expression.  Math Sprint at beginning and end of class. Multiplying Decimals.  Show Khan Academy Video  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/exp\_unknown\_vars/v/evaluating-expressions-where-individual-variable-values-are-unknown](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/exp_unknown_vars/v/evaluating-expressions-where-individual-variable-values-are-unknown) |
| Go Math: Differentiated Instruction Workbook, pgs. 120 to 125.  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/exp\_unknown\_vars/v/evaluating-expressions-where-individual-variable-values-are-unknown](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/exp_unknown_vars/v/evaluating-expressions-where-individual-variable-values-are-unknown) |  |  |  | Go Math: Differentiated Instruction Workbook, pgs. 126 to 143. |
| [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [http://insidemathematics.org/ common-core-math-tasks/7th-grade/7-2009%20Toy%20Trains.pdf](http://insidemathematics.org/%20common-core-math-tasks/7th-grade/7-2009%20Toy%20Trains.pdf) |  | [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 6** | **January 7** | **January 8** | **January 9** | **January 10** |
|  | **6.EE.7** |  | **7.EE.3** |  |
|  | Solving One-Step Equations  Math Sprint at beginning and end of class. Dividing Decimals.  Show Khan Academy Video |  | Solving Two-Step Equations  Math Sprint at beginning and end of class.  Mixed Number to Improper Fraction.    Show Khan Academy Video |  |
|  | Go Math: Differentiated Instruction Workbook, pgs. 126 to 143.  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/equations\_beginner/v/simple-equations](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/equations_beginner/v/simple-equations) |  | Go Math: Differentiated Instruction Workbook, pgs. 126 to 143.  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/equations\_beginner/v/two-step-equations](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/equations_beginner/v/two-step-equations) |  |
|  | [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx)  http://www.math-drills.com/multiplication.shtml# |  | [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx)  http://www.math-drills.com/multiplication.shtml# |  |

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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 13** | **January 14** | **January 15** | **January 16** | **January 17** |
| **7.EE.3** |  | **7.EE.3, 7.EE.4a** |  | **7.EE.3, 7.EE.4a** |
| Solving Multi-Step Equations  Math Sprint at beginning and end of class. Improper Fraction to Mixed Number.  Show Khan Academy Video |  | Solving Word Problems using Equations Day 1  Math Sprint at beginning and end of class. Reducing Fractions.    Show Khan Academy Video |  | Solving Word Problems using Equations Day 2  Math Sprint at beginning and end of class. Multiplication Times Tables.  Show Khan Academy Video |
| Go Math: Differentiated Instruction Workbook, pgs. 126 to 143.  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/complicated\_equations/v/solving-equations-with-the-distributive-property](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/complicated_equations/v/solving-equations-with-the-distributive-property) |  | Go Math: Differentiated Instruction Workbook, pgs. 126 to 143.  <https://www.khanacademy.org/math/arithmetic/applying-math-reasoning-topic/multistep-word-problems-tut/v/multistep-word-problems-example-1> |  | Go Math: Differentiated Instruction Workbook, pgs. 126 to 143.  <https://www.khanacademy.org/math/arithmetic/applying-math-reasoning-topic/multistep-word-problems-tut/v/multistep-word-problems-example-1> |
| [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [http://www.projectpaced.com/ uploads/1/3/3/2/13326226/ final\_draft\_grade7expressions equations-1.docx](http://www.projectpaced.com/uploads/1/3/3/2/13326226/final_draft_grade7expressionsequations-1.docx)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 20** | **January 21** | **January 22** | **January 23** | **January 24** |
| **Martin Luther King Day** |  | **6.EE.8** |  | **7.EE.3, 7.EE.4b** |
| **Martin Luther King Day**  **No School** |  | Writing Inequalities.  Students will need to recognize that inequalities may have one or more solutions.  Students will write inequalities based on real world problems.  Math Sprint at beginning and end of class. Comparing Numbers.    Show Khan Academy Video |  | Solve and Graph One-Step Inequalities.  Math Sprint at beginning and end of class. One- step equations.  Show Khan Academy Video |
|  |  | Go Math: Differentiated Instruction Workbook, pgs. 145 to 162. |  | Go Math: Differentiated Instruction Workbook, pgs. 145 to 162. |
|  |  | [http://www.math.com/school/ subject2/practice/S2U1L4/ S2U1L4Pract.html](http://www.math.com/school/%20subject2/practice/S2U1L4/%20S2U1L4Pract.html)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [http://www.brainpop.com/ math/dataanalysis/ graphingandsolvinginequalities /preview.weml](http://www.brainpop.com/%20math/dataanalysis/%20graphingandsolvinginequalities%20/preview.weml)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 27** | **January 28** | **January 29** | **January 30** | **January 31** |
|  | **7.EE.3, 7.EE.4b** |  | **7.EE.4b** |  |
|  | Solve and Graph Multi-Step Inequalities.  Math Sprint at beginning and end of class. Two- step equations.  Show Khan Academy Video  [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/graphing-linear-inequalities/v/solving-and-graphing-linear-inequalities-in-two-variables-1](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/graphing-linear-inequalities/v/solving-and-graphing-linear-inequalities-in-two-variables-1) |  | Solve word problems using inequalities. Day 1  Math Sprint at beginning and end of class. Multi- step equations.  Show Khan Academy Video |  |
|  | Go Math: Differentiated Instruction Workbook, pgs. 145 to 162. |  | Go Math: Differentiated Instruction Workbook, pgs. 145 to 162. |  |
|  | [http://www.pstcc.edu/ transitional\_studies/ \_files/pdf/solving-graphing-linear-inequalities.pdf](http://www.pstcc.edu/%20transitional_studies/%20_files/pdf/solving-graphing-linear-inequalities.pdf)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [http://www.sinclair.edu/centers/ mathlab/pub/findyourcourse/ worksheets/Algebra/ SolvingLinearInequalities.pdf](http://www.sinclair.edu/centers/%20mathlab/pub/findyourcourse/%20worksheets/Algebra/%20SolvingLinearInequalities.pdf)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |

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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 3** | **February 4** | **February 5** | **February 6** | **February 7** |
| **7.G.4** |  |  |  | **7.RP.1** |
| Area and Circumference of a Circle.  Use manipulatives for examples. Have students find the distance around a circle with string and a ruler. Have students measure the radius and diameter of a circle. Use all the information they obtained to find the area and circumference of each circle.  Math Sprint at beginning and end of class. Find the radius and diameter of different circles. |  | End Module 3 Review Day  Do a review activity with the students. |  | Complex Fractions  Word Problems involving Complex Fractions.  Math Sprint at beginning and end of class. Multiply Fractions.  Show Khan Academy Video |
| Go Math: Differentiated Instruction Workbook, pgs. 189 to 200.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |  |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [https://www.khanacademy.org/ math/arithmetic/fractions/decomposing-fractions/v/decomposing-a-fraction-visually](https://www.khanacademy.org/%20math/arithmetic/fractions/decomposing-fractions/v/decomposing-a-fraction-visually) |
| [http://www.coolmath.com/ reference/circles-geometry.html](http://www.coolmath.com/%20reference/circles-geometry.html) |  | http://www.mathworksheets land.com/7/ |  | [https://njctl.org/courses/math /7th-grade/ratios-proportions/ratios-proportions-7th-grade-2/](https://njctl.org/courses/math%20/7th-grade/ratios-proportions/ratios-proportions-7th-grade-2/) |

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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 10** | **February 11** | **February 12** | **February 13** | **February 14** |
|  | **7.RP.2a** |  | **7.RP.2b,d** |  |
|  | Proportional Relationship.  Test for equivalent ratios by cross multiplying, in a table or on a coordinate plane to observe whether the graph is a straight line.  Have students work in groups and create bar graphs and graph the line on a coordinate plane.  Math Sprint at beginning and end of class. Divide Fractions.  Show Khan Academy Video |  | Identify the Constant of Proportionality in tables, graphs, equations, and diagrams.  Math Sprint at beginning and end of class. Find the Unit Rate.  Show Khan Academy Video |  |
|  | [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/proportional-relationships/v/comparing-proportional-relationships](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/proportional-relationships/v/comparing-proportional-relationships) |  | [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/proportional-relationships/v/constructing-an-equation-for-a-proportional-relationship](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/proportional-relationships/v/constructing-an-equation-for-a-proportional-relationship) |  |
|  | [https://njctl.org/courses/math /7th-grade/ratios-proportions/ratios-proportions-7th-grade-2/](https://njctl.org/courses/math%20/7th-grade/ratios-proportions/ratios-proportions-7th-grade-2/)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [https://njctl.org/courses/math /7th-grade/ratios-proportions/ratios-proportions-7th-grade-2/](https://njctl.org/courses/math/7th-grade/ratios-proportions/ratios-proportions-7th-grade-2/)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |

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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 17** | **February 18** | **February 19** | **February 20** | **February 21** |
| **Winter Recess** |  |  |  |  |
| **No School** | **No School** | **No School** | **No School** | **No School** |
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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 24** | **February 25** | **February 26** | **February 27** | **February 28** |
| **7.RP.2c** |  |  |  | **7.RP.3** |
| Represent proportional relationships by equations.  Use Real World Examples to show students how proportional relationships can be represented by an equation.  Math Sprint at beginning and end of class. Solve One-Step Equations.  Show Khan Academy Video |  | Mid Module 4 Review Day  Do a review activity with the students. |  | Simple Interest  I=Prt, talk about how time has to be in years.  Math Sprint at beginning and end of class. Multiply Rational Numbers.  Show Khan Academy Video |
| [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/proportional-relationships/v/constructing-an-equation-for-a-proportional-relationship](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/proportional-relationships/v/constructing-an-equation-for-a-proportional-relationship) |  |  |  | Go Math: Differentiated Instruction Workbook, pgs. 107 to 117.  [https://www.khanacademy.org/ economics-finance-domain/core-finance/interest-tutorial/interest-basics-tutorial/v/introduction-to-interest](https://www.khanacademy.org/%20economics-finance-domain/core-finance/interest-tutorial/interest-basics-tutorial/v/introduction-to-interest) |
| [https://njctl.org/courses/math /7th-grade/ratios-proportions/ratios-proportions-7th-grade-2/](https://njctl.org/courses/math/7th-grade/ratios-proportions/ratios-proportions-7th-grade-2/)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |  |  | [http://www.webmath.com/ simpinterest.html](http://www.webmath.com/%20simpinterest.html)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [http://www.mathsisfun.com/ money/interest.html](http://www.mathsisfun.com/%20money/interest.html) |

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| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 3** | **March 4** | **March 5** | **March 6** | **March 7** |
|  | **7.RP.3** |  | **7.RP.3** |  |
|  | Tax and Gratuities  Students will be put into groups where they will pretend they are at a restaurant. They will be given a menu and a budget on how much money they have to spend. They can order whatever they want, but can’t go over their budget, and must include tax and gratuity.  Math Sprint at beginning and end of class. Adding Rational Numbers.  Show Khan Academy Video |  | Commissions and Fees  Use real life examples such as credit cards and buying tickets. Also working making a commission.  Math Sprint at beginning and end of class. Multiply Rational Numbers.  Show Khan Academy Video |  |
|  | Go Math: Differentiated Instruction Workbook, pgs. 107 to 117.  [https://www.khanacademy.org/math/ arithmetic/decimals/percent\_word\_probs/ e/discount\_tax\_and\_tip\_word\_problems](https://www.khanacademy.org/math/%20arithmetic/decimals/percent_word_probs/%20e/discount_tax_and_tip_word_problems) |  | Go Math: Differentiated Instruction Workbook, pgs. 107 to 117. |  |
|  | [http://www.tax.ny.gov/ pdf/memos/sales/m09\_13s.pdf](http://www.tax.ny.gov/%20pdf/memos/sales/m09_13s.pdf)  <http://salecalc.com/tiptax>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | http://www.mathworksheets land.com/7/9grat.html  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |

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| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 10** | **March 11** | **March 12** | **March 13** | **March 14** |
| **7.RP.3** |  | **7.RP.3** |  |  |
| Percent of Change  Use real life examples such as Sales at department stores, and salary increases.  Math Sprint at beginning and end of class. Percent of a number  Show Khan Academy Video  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/old-school-equations/v/more-percent-problems](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/old-school-equations/v/more-percent-problems) |  | Percent Error  Use real life examples to show percent error.  Math Sprint at beginning and end of class. Solving Proportions.  Show Khan Academy Video |  | End Module 4 Review Day  Do a review activity with the students. |
| Go Math: Differentiated Instruction Workbook, pgs. 101 to 106.  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/old-school-equations/v/taking-percentages](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/old-school-equations/v/taking-percentages) |  | Go Math: Differentiated Instruction Workbook, pgs. 107 to 117.  [https://www.khanacademy.org/ math/arithmetic/decimals/ percent\_word\_probs/v/growing-by-a-percentage](https://www.khanacademy.org/%20math/arithmetic/decimals/%20percent_word_probs/v/growing-by-a-percentage) |  |  |
| [http://www.mathgoodies.com/ lessons/percent/change.html](http://www.mathgoodies.com/%20lessons/percent/change.html)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [http://www.mathsisfun.com/ numbers/percentage-error.html](http://www.mathsisfun.com/%20numbers/percentage-error.html)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | http://www.mathworksheets land.com/7/  [http://images.pcmac.org/Uploads/ DesotoCSD/DesotoCSD/Departments /DocumentsCategories/Documents/Berg%20-%20Commission%20and%20Simple% 20Interest%20Lesson%20Plan.pdf](http://images.pcmac.org/Uploads/%20DesotoCSD/DesotoCSD/Departments%20/DocumentsCategories/Documents/Berg%20-%20Commission%20and%20Simple%25%2020Interest%20Lesson%20Plan.pdf) |

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| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 17** | **March 18** | **March 19** | **March 20** | **March 21** |
|  | **6.SP.2, 7.SP.2** |  | **7.SP.1** | **Superintendent’s Conference Day** |
|  | Mean, Median, Mode, and Range.  Use real life examples to find the mean, median, mode, and range.  Math Sprint at beginning and end of class. Put rational numbers in order least to greatest.  Show Khan Academy Video |  | Random Sampling  Use real life examples such as surveys.  Have students look at different m/c questions.  Math Sprint at beginning and end of class. Put rational numbers in order greatest to least.  Show Khan Academy Video | **Superintendent’s Conference Day Teachers Report** |
|  | [https://www.khanacademy.org/ math/probability/descriptive-statistics/central\_tendency/v/mean-median-and-mode](https://www.khanacademy.org/%20math/probability/descriptive-statistics/central_tendency/v/mean-median-and-mode) |  |  |  |
|  | [http://www.cimt.plymouth.ac.uk/ projects/mepres/book8/ bk8i5/bk8\_5i2.htm](http://www.cimt.plymouth.ac.uk/%20projects/mepres/book8/%20bk8i5/bk8_5i2.htm)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  http://www.commoncore sheets.com/MMMR.php |  | http://www.mathworksheets land.com/7/27samp.html  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [http://mail.rsgc.on.ca/~dschroder/ MDM4U/Test-bias&sampling.pdf](http://mail.rsgc.on.ca/~dschroder/%20MDM4U/Test-bias&sampling.pdf) |  |

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| **j0078705MARCH 2014** | | | | | | | | | |
| Monday | Tuesday | | | | Wednesday | Thursday | | Friday | |
| **March 24** | **March 25** | | | | **March 26** | **March 27** | | **March 28** | |
|  | **6.SP.4** | | | |  | **6.SP.4, 6.SP.5c** | |  | |
|  | Dot Plots and Histograms.  Math Sprint at beginning and end of class. Estimation.  Show Khan Academy Video | | | |  | Quartiles  Show examples of lower quartile, upper quartile, and interquartile.  Math Sprint at beginning and end of class. Find the median.  Show Khan Academy Video | |  | |
|  | Go Math: Differentiated Instruction Workbook, pgs. 239 to 257  <https://www.khanacademy.org/math/arithmetic/applying-math-reasoning-topic/reading_data/v/histograms> | | | |  | Go Math: Differentiated Instruction Workbook, pgs. 239 to 257 | |  | |
|  | <http://math.kendallhunt.com/documents/da1/CondensedLessonPlans/DA_CLP_01.pdf>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) | | | |  | [http://www.mathsisfun.com/ data/quartiles.html](http://www.mathsisfun.com/%20data/quartiles.html)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) | |  | |
| **j0078705MARCH/APRIL 2014** | | | | | | | | | |
| Monday | | | Tuesday | Wednesday | | | Thursday | Friday | |
| **March 31** | | | **April 1** | **April 2** | | | **April 3** | **April 4** | |
| **6.SP.4** | | |  | **6.SP.4** | | |  | **6.SP.5c** | |
| Box Plots.  For example, single and double box, aka box and whisker plots.  Math Sprint at beginning and end of class. Rounding.  Show Khan Academy Video | | |  | Stem and Leaf Plots  Math Sprint at beginning and end of class. Put fractions in order least to greatest.    Show Khan Academy Video | | |  | Mean Absolute Deviation (MAD)  Math Sprint at beginning and end of class. Adding and Subtracting Decimals.  Show Khan Academy Video | |
| Go Math: Differentiated Instruction Workbook, pgs. 239 to 257  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) | | |  | Go Math: Differentiated Instruction Workbook, pgs. 239 to 257  <https://www.khanacademy.org/math/arithmetic/applying-math-reasoning-topic/reading_data/v/u08-l1-t2-we3-stem-and-leaf-plots> | | |  | Go Math: Differentiated Instruction Workbook, pgs. 239 to 257 | |
| [https://www.khanacademy.org/ math/probability/descriptive-statistics/Box-and-whisker%20plots/v/box-and-whisker-plots](https://www.khanacademy.org/%20math/probability/descriptive-statistics/Box-and-whisker%20plots/v/box-and-whisker-plots)  [http://ellerbruch.nmu.edu/ cs255/jnord/boxplot.html](http://ellerbruch.nmu.edu/%20cs255/jnord/boxplot.html) | | |  | [http://www.mathsisfun.com/ data/stem-leaf-plots.html](http://www.mathsisfun.com/%20data/stem-leaf-plots.html)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) | | |  | http://msbuckelewmath. pbworks.com/w/file/fetch/ 62739029/MAD%20Practice.pdf  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) | |
| **j0078705APRIL 2014** | | | | | | | | | |
| Monday | | Tuesday | | | Wednesday | Thursday | | | Friday |
| **April 7** | | **April 8** | | | **April 9** | **April 10** | | | **April 11** |
|  | | **7.SP.5** | | |  | **7.SP.5,6** | | |  |
|  | | Mid Module 5 Review Day  Do a review activity with the students. | | |  | Probability of Chance. (Predictions)  Chance of an event between 0 and 1. (likely and unlikely)  Use real life examples, such as weather, sports, grades….  Math Sprint at beginning and end of class. Convert Percent to Fraction.  Show Khan Academy Video | | |  |
|  | |  | | |  | Go Math: Differentiated Instruction Workbook, pgs. 220 to 237.  <https://www.khanacademy.org/math/probability/independent-dependent-probability/basic_probability/v/basic-probability> | | |  |
|  | |  | | |  | <http://www.mathplayground.com/probability.html>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  <http://mathgoodies.com/lessons/vol6/intro_probability.html> | | |  |
| **j0078705APRIL 2014** | | | | | | | | | |
| Monday | | | Tuesday | Wednesday | | Thursday | | Friday | |
| **April 21** | | | **April 22** | **April 23** | | **April 24** | | **April 25** | |
| **Spring Recess** | | | **Spring Recess** |  | |  | |  | |
| **No School** | | | **No School** | **Review for Math Assessment** | | **Review for Math Assessment** | | **Review for Math Assessment** | |
|  | | |  |  | |  | |  | |
|  | | |  | <http://www.engageny.org/sites/default/files/resource/attachments/math-grade-7.pdf> | | <http://www.engageny.org/sites/default/files/resource/attachments/math-grade-7.pdf> | | <http://www.engageny.org/sites/default/files/resource/attachments/math-grade-7.pdf> | |
| **j0078705 APRIL/MAY 2014** | | | | | | | | | |
| Monday | | | Tuesday | Wednesday | | Thursday | | Friday | |
| **April 28** | | | **April 29** | **April 30** | | **May 1** | | **May 2** | |
|  | | |  |  | |  | |  | |
| **Review for Math Assessment** | | | **Review for Math Assessment** | **New York State Math Assessment Day 1** | | **New York State Math Assessment Day 2** | | **New York State Math Assessment Day 3** | |
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| <http://www.engageny.org/sites/default/files/resource/attachments/math-grade-7.pdf> | | | <http://www.engageny.org/sites/default/files/resource/attachments/math-grade-7.pdf> |  | |  | |  | |

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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 5** | **May 6** | **May 7** | **May 8** | **May 9** |
| **7.SP.6** |  | **7.SP.7** |  | **7.SP.8** |
| Experimental and Theoretical Probability  Group Work along with an activity.  Math Sprint at beginning and end of class.  Show Khan Academy Video |  | Independent and Dependent Events  Perform different activities using manipulatives with replacement and without replacement.  Math Sprint at beginning and end of class.    Show Khan Academy Video |  | Tree Diagrams, Sample Space, and Fundamental Counting Principle  Use real world examples.  Math Sprint at beginning and end of class.    Show Khan Academy Video |
| Go Math: Differentiated Instruction Workbook, pgs. 220 to 237, 258 to 294  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [http://jmathpage.com/ JIMSProbabilitypage.html](http://jmathpage.com/%20JIMSProbabilitypage.html) |  | Go Math: Differentiated Instruction Workbook, pgs. 220 to 237.  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | Go Math: Differentiated Instruction Workbook, pgs. 220 to 237.  [https://www.khanacademy.org/ math/trigonometry/prob\_comb/ independent\_events\_precalc/v/compound-events-tree-diagram](https://www.khanacademy.org/%20math/trigonometry/prob_comb/%20independent_events_precalc/v/compound-events-tree-diagram) |
| [http://mathgoodies.com/less ons/vol6/intro\_probability.html](http://mathgoodies.com/lessons/vol6/intro_probability.html)  [http://jmathpage.com/ JIMSProbabilitypage.html](http://jmathpage.com/%20JIMSProbabilitypage.html) |  | [http://mathgoodies.com/less ons/vol6/intro\_probability.html](http://mathgoodies.com/lessons/vol6/intro_probability.html)  [http://jmathpage.com/ JIMSProbabilitypage.html](http://jmathpage.com/%20JIMSProbabilitypage.html) |  | [http://mathgoodies.com/less ons/vol6/intro\_probability.html](http://mathgoodies.com/lessons/vol6/intro_probability.html)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml)  [http://jmathpage.com/ JIMSProbabilitypage.html](http://jmathpage.com/JIMSProbabilitypage.html) |

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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 12** | **May 13** | **May 14** | **May 15** | **May 16** |
|  |  |  | **7.G.2, 7.G.3** |  |
|  | End Module 5 Review Day  Do a review activity with the students. |  | Identify all triangles, and show how they are created. Find the sum of different polygons, and show formula how to find sum of the measure of any polygon.  Use manipulatives to show all different triangles.  Math Sprint at beginning and end of class. Evaluate simple expressions.    Show Khan Academy Video  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/triang\_prop\_tut/v/sum-of-interior-angles-of-a-polygon](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/triang_prop_tut/v/sum-of-interior-angles-of-a-polygon) |  |
|  |  |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |
|  | http://www.mathworksheets land.com/7/ |  | [http://www.mathsisfun.com/ geometry/interior-angles-polygons.html](http://www.mathsisfun.com/%20geometry/interior-angles-polygons.html)  [http://www.kutasoftware.com/ FreeWorksheets/GeoWorksheets/6-Polygons%20and%20Angles.pdf](http://www.kutasoftware.com/%20FreeWorksheets/GeoWorksheets/6-Polygons%20and%20Angles.pdf) |  |

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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 19** | **May 20** | **May 21** | **May 22** | **May 23** |
| **7.G.5** |  | **7.G.2, 7.G.5** |  |  |
| Review Supplementary, Complementary, Vertical, Adjacent, Alternate Interior and Exterior, and Corresponding Angles.  Math Sprint at beginning and end of class. Identify different triangles.  Show Khan Academy Video  https://www.khanacademy.org /math/geometry/parallel-and-perpendicular-lines/complementary-supplementary-angl/v/complementary-and-supplementary-angles |  | Find the measure of each angle in a triangle, and the measure of extended angles of different polygons.  Math Sprint at beginning and end of class. Identify Vertical, Adjacent, Alternate Interior and Exterior, and Corresponding Angles.  Show Khan Academy Video |  | Mid Module 6 Review Day  Do a review activity with the students. |
| [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/triang\_prop\_tut/v/triangle-angle-example-3](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/triang_prop_tut/v/triangle-angle-example-3) |  |  |
| http://www.mathsisfun.com / geometry/supplementary-angles.html  [http://www.mathsisfun.com/ geometry/complementary-angles.html](http://www.mathsisfun.com/%20geometry/complementary-angles.html) |  | [http://henryanker.com/Math/ Geometry/Triangle\_ Mis\_Angle\_Set\_1.swf](http://henryanker.com/Math/%20Geometry/Triangle_%20Mis_Angle_Set_1.swf)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |  |

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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 26** | **May 27** | **May 28** | **May 29** | **May 30** |
| **Memorial Day** |  | **7.G.6** |  | **7.G.6** |
| **Memorial Day No School** |  | Find the Area of different polygons including composite figures.  Use real life examples, and solve real world word problems involving finding the area of different polygons.  Use Manipulatives  Math Sprint at beginning and end of class. Evaluate Expressions with variables. Use a different number for each of the 3 variables, and have the students evaluate each expression.  Show Khan Academy Video |  | Find the Volume of different polygons.  Use real life examples, and solve real world word problems involving finding the area of different polygons.  Use Manipulatives  Math Sprint at beginning and end of class. Put Fractions in order least to greatest in simplest form.  Show Khan Academy Video |
|  |  | Go Math: Differentiated Instruction Workbook, pgs. 201 to 206.  [https://www.khanacademy.org/ math/geometry/basic-geometry/area\_non\_standard/v/quadrilateral-overview](https://www.khanacademy.org/%20math/geometry/basic-geometry/area_non_standard/v/quadrilateral-overview) |  | Go Math: Differentiated Instruction Workbook, pgs. 213 to 218.  [https://www.khanacademy.org/ math/geometry/basic-geometry/volume-introduction-rectangular/v/volume-of-a-rectangular-prism-or-box-examples](https://www.khanacademy.org/%20math/geometry/basic-geometry/volume-introduction-rectangular/v/volume-of-a-rectangular-prism-or-box-examples) |
|  |  | [http://www.mhschool.com/math /mathconnects/wa/assets/ docs/398\_401\_wa\_gr4\_adllsn\_onln.pdf](http://www.mhschool.com/math%20/mathconnects/wa/assets/%20docs/398_401_wa_gr4_adllsn_onln.pdf)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | [http://www.math.com/tables /geometry/volumes.htm](http://www.math.com/tables%20/geometry/volumes.htm)  http://library.thinkquest.org /20991/geo/solids.html  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

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| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 2** | **June 3** | **June 4** | **June 5** | **June 6** |
|  | **7.G.6** |  |  |  |
|  | Find the Surface Area of different polygons.  Use real life examples, and solve real world word problems involving finding the area of different polygons.  Use Manipulatives  Math Sprint at beginning and end of class. Find the area of different circles.  Show Khan Academy Video |  | End Module 6 Review Day  Do a review activity with the students. |  |
|  | Go Math: Differentiated Instruction Workbook, pgs. 207 to 212.  [https://www.khanacademy.org/ math/geometry/basic-geometry/volume\_tutorial/v/cylinder-volume-and-surface-area](https://www.khanacademy.org/%20math/geometry/basic-geometry/volume_tutorial/v/cylinder-volume-and-surface-area) |  |  |  |
|  | [http://www.ducksters.com/ kidsmath/surface\_area.php](http://www.ducksters.com/%20kidsmath/surface_area.php)  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  | http://www.mathworksheets land.com/7/ |  |

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| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 9** | **June 10** | **June 11** | **June 12** | **June 13** |
|  |  |  |  | **Last Day of Classes** |
| **Review for 7th Grade Math Final** | **Review for 7th Grade Math Final** | **Review for 7th Grade Math Final** | **Review for 7th Grade Math Final** | **Review for 7th Grade Math Final** |
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| http://www.mathworksheets land.com/7/ | http://www.mathworksheets land.com/7/ | http://www.mathworksheets land.com/7/ | http://www.mathworksheets land.com/7/ | http://www.mathworksheets land.com/7/ |

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| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 17** | **June 17** | **June 18** | **June 19** | **June 20** |
|  | **Last Day of Classes** |  |  |  |
| **Review for 7th Grade Math Final** | **Review for 7th Grade Math Final** |  |  |  |
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