|  |
| --- |
| East Meadow Schools |
| CAP 2013-2014 |
| Grade 8 Math- Common Core Enrichment |
| Common Core Curriculum Map |
| **Thomas Gropf- Coordinator** |
| **Ann Wolin** |

Table of Contents

Page3...................................... Abstract & Resources

Page4..................................... Rationale

Page5............................ Pacing Calendar

Abstract & Resources

Grade 8 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: Integer Exponents and Scientific Notation
* Module 2: The Concept of Congruence
* Module 3: Similarity
* Module 4: Linear Equations
* Module 5: Examples of Functions from Geometry
* Module 6: Linear Functions
* Module 7: Introduction to Irrational Numbers Using Geometry

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

Engage NY Modules [M]

Go Math 8th grade Differentiated Instruction [GM]

Buckle Down Common Core 8th grade [BD]

<http://www.mathworksheetsland.com/8/>

<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://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/8/>

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

<http://www.math-aids.com/>

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

<http://www.ixl.com/math/grade-8>

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 8

Grade 8 Math- Enrichment Common Core - CAP

Fall 2013

The rationale for this CAP is based on the change in the New York State Standards for the 8th grade. The New York State Core Curriculum adjusted the topics taught in the 8th 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 8th. 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.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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** |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705SEPTEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 9** | **September 10** | **September 11** | **September 12** | **September 13** |
|  |  | **8.EE.1,3,4** |  | **5.NBT.2** |
| 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. |  | Multiplying by Powers of 10, 100, and 1000  Math Sprint at beginning and end of class. Students will multiply numbers by powers of 10, 100, and 1000.  Show Khan Academy video |
|  |  |  |  | Go Math: Differentiated Instruction Workbook pgs. 26 to 31  [https://www.khanacademy.org/math /arithmetic/decimals/multiplying-dividing-by-10-decim/v/multiplying-a-decimal-by-a-power-of-10](https://www.khanacademy.org/math%20/arithmetic/decimals/multiplying-dividing-by-10-decim/v/multiplying-a-decimal-by-a-power-of-10) |
| http://www.sharemylesson. com/ teaching-resource/Clothesline-Numbers-Number-Magnitude-50011010/ |  | <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) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705SEPTEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 16** | **September 17** | **September 18** | **September 19** | **September 20** |
|  | **5.NBT.2** |  | **6.EE.1** |  |
|  | Dividing by Powers of 10, 100, and 1000.  Math Sprint at beginning and end of class. Students will divide numbers by powers of 10, 100, and 1000.    Show Khan Academy video |  | Evaluating Expressions involving whole number Exponents. (Adding and Subtracting Exponents)  Math Sprint at beginning and end of class. Students will Evaluate squared exponents  Show Khan Academy video |  |
|  | Go Math: Differentiated Instruction Workbook pgs. 26 to 31  [https://www.khanacademy.org/ math/arithmetic/decimals/multiplying-dividing-by-10-decim/v/dividing-a-decimal-by-a-power-of-10](https://www.khanacademy.org/%20math/arithmetic/decimals/multiplying-dividing-by-10-decim/v/dividing-a-decimal-by-a-power-of-10) |  | Go Math: Differentiated Instruction Workbook pgs. 20 to 25  [https://www.khanacademy.org/ math/algebra/exponent-equations/exponent-properties-algebra/v/evaluating-exponential-expressions](https://www.khanacademy.org/%20math/algebra/exponent-equations/exponent-properties-algebra/v/evaluating-exponential-expressions) |  |
|  | <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) |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **j0078705 SEPTEMBER 2013** | | | | | | | |
| Monday | Tuesday | Wednesday | | Thursday | | Friday | |
| **September 23** | **September 24** | **September 25** | | **September 26** | | **September 27** | |
| **6.EE.1** |  |  | |  | | **8.EE.1** | |
| Evaluating Expressions involving whole number Exponents. (Multiplying and Dividing)  Math Sprint at beginning and end of class. Students will Evaluate squared exponents  Show Khan Academy video |  | Mid Module 1 Review Day  Do a review activity with the students. | |  | | Evaluating Expressions with negative exponents.  Math Sprint at beginning and end of class. Students will Evaluate cubed exponents  Show Khan Academy video | |
| Go Math: Differentiated Instruction Workbook pgs. 20 to 25  https://www.khanacademy.org /math/algebra/exponent-equations/exponent-properties-algebra/v/exponent-properties-1 |  |  | |  | | Go Math: Differentiated Instruction Workbook pgs. 32 to 44  https://www.khanacademy.org /math/algebra/exponent-equations/exponent-properties-algebra/v/negative-and-positive-exponents | |
| 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/) | |
| **j0078705SEPTEMBER/OCTOBER 2013** | | | | | | | |
| Monday | Tuesday | | Wednesday | | Thursday | | Friday |
| **September 30** | **October 1** | | **October 2** | | **October 3** | | **October 4** |
|  | **8.EE.1** | |  | | **8.EE.3** | |  |
|  | Convert negative exponents to positive exponents by showing the reciprocal.  Math Sprint at beginning and end of class. Find the Reciprocal.  Show Khan Academy video | |  | | Scientific Notation  (Positive Exponents)  Show real world examples  Math Sprint at beginning and end of class. Convert basic negative exponents to positive exponents.  Show Khan Academy video | |  |
|  | Go Math: Differentiated Instruction Workbook pgs. 32 to 44  https://www.khanacademy.org /math/algebra/exponent-equations/exponent-properties-algebra/v/negative-and-positive-exponents | |  | | Go Math: Differentiated Instruction Workbook pgs. 20 to 44  https://www.khanacademy.org /math/arithmetic/exponents-radicals/scientific-notation/v/scientific-notation | |  |
|  | [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) | |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **j0078705OCTOBER 2013** | | | | | | | | |
| Monday | Tuesday | | Wednesday | | Thursday | | Friday | |
| **October 7** | **October 8** | | **October 9** | | **October 10** | | **October 11** | |
| **8.EE.3** |  | | **8.EE.4** | |  | |  | |
| Scientific Notation  (Negative Exponents)  Show real world examples  Math Sprint at beginning and end of class. Multiplying Numbers  Show Khan Academy video |  | | Perform operations with Scientific Notation  Math Sprint at beginning and end of class. Dividing Numbers  Show Khan Academy video | |  | | End Module 1 Review Day  Do a review activity with the students. | |
| Go Math: Differentiated Instruction Workbook pgs. 20 to 44  <https://www.khanacademy.org/math/arithmetic/exponents-radicals/scientific-notation/v/scientific-notation> |  | | Go Math: Differentiated Instruction Workbook pgs. 20 to 44  <https://www.khanacademy.org/math/arithmetic/exponents-radicals/scientific-notation/v/scientific-notation-example-2> | |  | |  | |
| [http://www.sharemylesson.com/teaching-](http://www.sharemylesson.com/teaching-resource/World-Practice-with-Rates-and-Unit-Rates-50009354/)  [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) | |  | |  | |
| **j0078705OCTOBER 2013** | | | | | | | |
| Monday | Tuesday | Wednesday | | Thursday | | Friday | |
| **October 14** | **October 15** | **October 16** | | **October 17** | | **October 18** | |
|  |  | **8.G.1** | |  | | **8.G.1** | |
| Columbus Day  No School |  | Examples of Rotations  Math Sprint at beginning and end of class. Identify Polygons  Show Khan Academy video | |  | | Examples of Reflections  Math Sprint at beginning and end of class. Identify Triangles  Show Khan Academy video  Go Math: Differentiated Instruction Workbook pgs. 195 to 200 | |
|  |  | Go Math: Differentiated Instruction Workbook pgs. 201 to 206  <https://www.khanacademy.org/math/geometry/transformations/v/rotation-of-polygons-example> | |  | | [https://www.khanacademy.org/math/ linearalgebra/matrix\_transformations /lin\_trans\_examples/v/linear-transformation-examples--scaling-and-reflections](https://www.khanacademy.org/math/linear-algebra/matrix_transformations/lin_trans_examples/v/linear-transformation-examples--scaling-and-reflections) | |
|  |  | <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) | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705OCTOBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 21** | **October 22** | **October 23** | **October 24** | **October 25** |
|  | **8.G.1** |  | **8.G.2** |  |
|  | Examples of Translations  Math Sprint at beginning and end of class. Add Fractions  Show Khan Academy video |  | Transformations of polygons on a coordinate grid through rotations, reflections, and translations.  Math Sprint at beginning and end of class. Subtract Fractions  Show Khan Academy video |  |
|  | Go Math: Differentiated Instruction Workbook pgs. 189 to 194  [https://www.khanacademy.org/ math/geometry/transformations/ v/translations-of-polygons](https://www.khanacademy.org/%20math/geometry/transformations/%20v/translations-of-polygons) |  | Go Math: Differentiated Instruction Workbook pgs. 207 to 219 |  |
|  | <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) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705OCTOBER/NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 28** | **October 29** | **October 30** | **October 31** | **November 1** |
| **8.G.3** |  | **8.G.3** |  | **8.G.4** |
| Examples of Dilations  Math Sprint at beginning and end of class. Multiply Fractions  Show Khan Academy video |  | How is Dilations different from all the other transformations. Show examples  Math Sprint at beginning and end of class. Divide Fractions  Show Khan Academy video |  | How does Dilations affect a two dimensional figure.  Math Sprint at beginning and end of class. Add Integers  Show Khan Academy video |
| Go Math: Differentiated Instruction Workbook pgs. 221 to 231 |  | Go Math: Differentiated Instruction Workbook pgs. 221 to 231 |  | Go Math: Differentiated Instruction Workbook pgs. 232 to 238 |
| <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) |  | <http://www.sharemylesson.com/>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 4** | **November 5** | **November 6** | **November 7** | **November 8** |
|  | **Election Day** |  |  | **8.G.5** |
|  | **Superintendent Conference Day** | Mid Module 2/3 Review Day 1  Do a review activity with the students. |  | Supplementary Angles  Math Sprint at beginning and end of class. Subtract Integers  Show Khan Academy video |
|  |  |  |  | Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/complementary-supplementary-angl/v/complementary-and-supplementary-angles](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/complementary-supplementary-angl/v/complementary-and-supplementary-angles) |
|  |  |  |  | <http://www.sharemylesson.com/>  [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 11** | **November 12** | **November 13** | **November 14** | **November 15** |
| **Veterans Day** |  | **8.G.5** |  | **8.G.5** |
| Veterans Day  No School |  | Complementary Angles  Math Sprint at beginning and end of class. Multiply Integers  Show Khan Academy video |  | Solving Algebraically with vertical angles.  Math Sprint at beginning and end of class. Divide Integers  Show Khan Academy video |
|  |  | Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/complementary-supplementary-angl/v/complementary-and-supplementary-angles](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/complementary-supplementary-angl/v/complementary-and-supplementary-angles) |  | Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/ang\_intro/v/angles-at-the-intersection-of-two-lines](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/ang_intro/v/angles-at-the-intersection-of-two-lines) |
|  |  | <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) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 18** | **November 19** | **November 20** | **November 21** | **November 22** |
|  | **8.G.5** |  | **8.G.5** |  |
|  | Solving Algebraically with adjacent angles.  Math Sprint at beginning and end of class. Subtract numbers from 180.  Show Khan Academy video |  | Go over examples of parallel lines cut by a transversal. Talk about vertical, adjacent, corresponding, alternate interior and exterior.  Math Sprint at beginning and end of class. Subtract numbers from 90.  Show Khan Academy video |  |
|  | Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/Angle\_basics/v/vertical--adjacent-and-linearly-paired-angles](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/Angle_basics/v/vertical--adjacent-and-linearly-paired-angles) |  | Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/ang\_intro/v/angles-formed-by-parallel-lines-and-transversals](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/ang_intro/v/angles-formed-by-parallel-lines-and-transversals) |  |
|  | <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) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 25** | **November 26** | **November 27** | **November 28** | **November 29** |
| **8.G.5** |  | **8.G.5** | **Thanksgiving Recess** | **Thanksgiving Recess** |
| Go over examples of parallel lines cut by a transversal algebraically.  Math Sprint at beginning and end of class. Identify vertical, adjacent, corresponding, alternate interior and exterior angles.  Show Khan Academy video |  | Find the missing angle of a triangle.  Math Sprint at beginning and end of class. Identify vertical, adjacent, corresponding, alternate interior and exterior angles.  Show Khan Academy video  **Woodland Meet the Parents Day** | **Thanksgiving Recess**  **No School** | **Thanksgiving Recess**  **No School** |
| Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/ang\_intro/v/angles-formed-by-parallel-lines-and-transversals](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/ang_intro/v/angles-formed-by-parallel-lines-and-transversals) |  | Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/triang\_prop\_tut/v/proof---sum-of-measures-of-angles-in-a-triangle-are-180](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/triang_prop_tut/v/proof---sum-of-measures-of-angles-in-a-triangle-are-180) |  |  |
| <http://www.sharemylesson.com/>  [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) |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 2** | **December 3** | **December 4** | **December 5** | **December 6** |
| **8.G.5** |  | **8.G.5** |  | **8.G.5** |
| Find the missing angle of a triangle.  Math Sprint at beginning and end of class. Rounding Whole Numbers.  Show Khan Academy video | **Clarke Meet the Parents Day** | Find the missing angle of a triangle algebraically.  Math Sprint at beginning and end of class. Rounding Decimals.  Show Khan Academy video |  | Find the interior and exterior angles of a triangle.  Math Sprint at beginning and end of class. Rounding Decimals.  Show Khan Academy video |
| Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/triang\_prop\_tut/v/proof---sum-of-measures-of-angles-in-a-triangle-are-180](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/triang_prop_tut/v/proof---sum-of-measures-of-angles-in-a-triangle-are-180) |  | Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/triang\_prop\_tut/v/triangle-angle-example-1](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/triang_prop_tut/v/triangle-angle-example-1) |  | Go Math: Differentiated Instruction Workbook pgs. 239 to 257  [https://www.khanacademy.org/ math/geometry/parallel-and-perpendicular-lines/triang\_prop\_tut/v/triangle-angle-example-1](https://www.khanacademy.org/%20math/geometry/parallel-and-perpendicular-lines/triang_prop_tut/v/triangle-angle-example-1) |
| [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) |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 9** | **December 10** | **December 11** | **December 12** | **December 13** |
|  |  |  | **8.G.6** |  |
|  | Mid Module 2/3 Review Day 2  Do a review activity with the students. |  | Explain the proof of the Pythagorean Theorem. Show examples of when its equal and not equal  Math Sprint at beginning and end of class. Solving One-Step Equations by addition.  Show Khan Academy video |  |
|  |  |  | Go Math: Differentiated Instruction Workbook pgs. 258 to 269  [https://www.khanacademy.org/ math/geometry/right\_triangles \_topic/pyth\_theor/v/the-pythagorean-theorem](https://www.khanacademy.org/%20math/geometry/right_triangles%20_topic/pyth_theor/v/the-pythagorean-theorem) |  |
|  |  |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 16** | **December 17** | **December 18** | **December 19** | **December 20** |
| **8.G.5** |  | **8.G.5** |  | **8.G.5** |
| Pythagorean Theorem  Solve for a and b.  Math Sprint at beginning and end of class. Solving One-Step Equations by subtraction.  Show Khan Academy video |  | Pythagorean Theorem  Solve for c.  Math Sprint at beginning and end of class. Solving One-Step Equations by multiplication.  Show Khan Academy video |  | Solve real world problems using Pythagorean Theorem.  Two Dimensions  Math Sprint at beginning and end of class. Solving One-Step Equations by division.  Show Khan Academy video |
| Go Math: Differentiated Instruction Workbook pgs. 258 to 269  [https://www.khanacademy.org/ math/geometry/right\_triangles \_topic/pyth\_theor/v/the-pythagorean-theorem](https://www.khanacademy.org/%20math/geometry/right_triangles%20_topic/pyth_theor/v/the-pythagorean-theorem) |  | Go Math: Differentiated Instruction Workbook pgs. 258 to 269  [https://www.khanacademy.org/ math/geometry/right\_triangles \_topic/pyth\_theor/v/the-pythagorean-theorem](https://www.khanacademy.org/%20math/geometry/right_triangles%20_topic/pyth_theor/v/the-pythagorean-theorem) |  | Go Math: Differentiated Instruction Workbook pgs. 258 to 269  [https://www.khanacademy.org/ math/geometry/right\_triangles \_topic/pyth\_theor/v/pythagorean-theorem-1](https://www.khanacademy.org/%20math/geometry/right_triangles%20_topic/pyth_theor/v/pythagorean-theorem-1) |
| [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) |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 6** | **January 7** | **January 8** | **January 9** | **January 10** |
|  | **8.G.5** |  |  |  |
|  | Solve real world problems using Pythagorean Theorem.  Three Dimensions  Math Sprint at beginning and end of class. Comparing Numbers.  Show Khan Academy video |  | End Module 2/3 Review Day  Do a review activity with the students. |  |
|  | Go Math: Differentiated Instruction Workbook pgs. 258 to 269  [https://www.khanacademy.org/math/ geometry/right\_triangles\_topic/ pyth\_theor/v/pythagorean-theorem-1](https://www.khanacademy.org/math/%20geometry/right_triangles_topic/%20pyth_theor/v/pythagorean-theorem-1) |  |  |  |
|  | http://www.math-drills.com/multiplication.shtml# |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 13** | **January 14** | **January 15** | **January 16** | **January 17** |
| **8.EE.7** |  | **8.EE.7a,b** |  | **8.EE.7a,b** |
| Solving Two-Step Equations with Rational Coefficients  Math Sprint at beginning and end of class. Name properties.  Show Khan Academy video |  | Solving Multi-Step Equations with Variables on Both Sides  Math Sprint at beginning and end of class. Name properties.  Show Khan Academy video |  | Solving Multi-Step Equations with Using the Distributive Property  Math Sprint at beginning and end of class. Multiply using distributive property.  Show Khan Academy video |
| Go Math: Differentiated Instruction Workbook, pgs. 133 to 157  https://www.khanacademy.org /math/algebra/solving-linear-equations-and-inequalities/equations\_ beginner/v/two-step-equations |  | Go Math: Differentiated Instruction Workbook, pgs. 133 to 157  https://www.khanacademy.org /math/algebra/solving-linear-equations-and-inequalities/complicated\_ equations/v/ex-2-multi-step-equation |  | Go Math: Differentiated Instruction Workbook, pgs. 133 to 157  [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_%20equations/v/solving-equations-with-the-distributive-property) |
| [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) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 20** | **January 21** | **January 22** | **January 23** | **January 24** |
| **Martin Luther King Day** |  | **8.EE.7a,b** |  |  |
| **Martin Luther King Day**  **No School** |  | Solving Multi-Step Equations with Many or No Solutions  Math Sprint at beginning and end of class. Mix of One-Step Equations.  Show Khan Academy video |  | Review of Module 4 |
|  |  | Go Math: Differentiated Instruction Workbook, pgs. 133 to 157  [https://www.khanacademy.org/ math/algebra/solving-linear-equations-and-inequalities/basic-equation-practice/v/number-of-solutions-to-linear-equations](https://www.khanacademy.org/%20math/algebra/solving-linear-equations-and-inequalities/basic-equation-practice/v/number-of-solutions-to-linear-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.math-drills.com/multiplication.shtml) |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 27** | **January 28** | **January 29** | **January 30** | **January 31** |
|  | **8.EE.6, 8.F.1,2,3** |  | **8.EE.6** |  |
|  | Identify functions using the vertical line test. Talk about Domain and Range.  Math Sprint at beginning and end of class. Mix of Integers.  Show Khan Academy video |  | Show examples of Proportional Relationships in a table.  Math Sprint at beginning and end of class. Vertical Line Test.  Show Khan Academy video |  |
|  | Go Math: Differentiated Instruction Workbook pgs. 108 to 125  [https://www.khanacademy.org/ math/trigonometry/functions\_ and\_graphs/function\_introduction /v/functions-as-graphs](https://www.khanacademy.org/%20math/trigonometry/functions_%20and_graphs/function_introduction%20/v/functions-as-graphs) |  | Go Math: Differentiated Instruction Workbook pg. 45 to 50, 63  [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) |  |
|  | [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) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 3** | **February 4** | **February 5** | **February 6** | **February 7** |
| **8.F.4** |  | **8.EE.5** |  | **8.F.3** |
| Discuss and show examples of rate of change and slope.  Math Sprint at beginning and end of class. Solve basic proportions.  Show Khan Academy video |  | Explain why unit rate is the slope.  Math Sprint at beginning and end of class. Simply fractions.  Show Khan Academy video |  | Review Non-Proportional Relationships.  Math Sprint at beginning and end of class. Equivalent Ratios.  Show Khan Academy video |
| Go Math: Differentiated Instruction Workbook pgs. 51 to 62, 70 to 75  [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/slope-and-intercepts/v/slope-and-rate-of-change](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/slope-and-intercepts/v/slope-and-rate-of-change) |  | Go Math: Differentiated Instruction Workbook pgs. 51 to 62, 70 to 75  [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/slope-and-intercepts/v/slope-and-rate-of-change](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/slope-and-intercepts/v/slope-and-rate-of-change) |  | Go Math: Differentiated Instruction Workbook pgs. 64 to 69 |
| [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) |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 10** | **February 11** | **February 12** | **February 13** | **February 14** |
|  |  |  | **8.EE.6** |  |
|  | Review of Module 5/6 |  | Find the slope and y-intercept.  Math Sprint at beginning and end of class. Compare Ratios.  Show Khan Academy video |  |
|  |  |  | Go Math: Differentiated Instruction Workbook pgs. 51 to 62, 70 to 75  [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/more-analytic-geometry/v/algebra--slope-and-y-intercept-intuition](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/more-analytic-geometry/v/algebra--slope-and-y-intercept-intuition) |  |
|  |  |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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** |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 24** | **February 25** | **February 26** | **February 27** | **February 28** |
| **8.F.4** |  | **8.F.4** |  | **8.F.4** |
| Graphing Linear proportional relationships using slope and y-intercept.  Math Sprint at beginning and end of class. Adding and Subtracting Mixed Numbers.  Show Khan Academy video |  | Graphing a Linear Equation.  Math Sprint at beginning and end of class. Multiplying and Dividing Mixed Numbers.  Show Khan Academy video |  | Writing Linear Equations from Graphs.  Math Sprint at beginning and end of class. Adding exponents with the same base.  Show Khan Academy video |
| Go Math: Differentiated Instruction Workbook pgs. 76 to 106  [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/graphing-slope-intercept/v/graphing-a-line-in-slope-intercept-form](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/graphing-slope-intercept/v/graphing-a-line-in-slope-intercept-form) |  | Go Math: Differentiated Instruction Workbook pgs. 76 to 106  [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/graphing\_solutions2/ v/graphs-of-linear-equations](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/graphing_solutions2/%20v/graphs-of-linear-equations) |  | Go Math: Differentiated Instruction Workbook pgs. 76 to 106  [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/point-slope-form/v/linear-equations-in-point-slope-form](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/point-slope-form/v/linear-equations-in-point-slope-form) |
| [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) |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 3** | **March 4** | **March 5** | **March 6** | **March 7** |
|  | **8.F.4** |  | **7.RP.3** |  |
|  | Writing Linear Equations from a table.  Math Sprint at beginning and end of class. Subtracting exponents with the same base.  Show Khan Academy video |  | Review of Module 5/6 |  |
|  | Go Math: Differentiated Instruction Workbook pgs. 76 to 106  [https://www.khanacademy.org/ math/algebra/linear-equations-and-inequalitie/point-slope-form/v/linear-equations-in-point-slope-form](https://www.khanacademy.org/%20math/algebra/linear-equations-and-inequalitie/point-slope-form/v/linear-equations-in-point-slope-form) |  |  |  |
|  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 10** | **March 11** | **March 12** | **March 13** | **March 14** |
| **8.EE.8a** |  | **8.EE.8a** |  |  |
| Solving Systems of Linear Equations by Graphing.  Math Sprint at beginning and end of class. One step equations with addition.  Show Khan Academy video |  | Graphing a systems of an equation when the equation are not in y = mx + b form.  Math Sprint at beginning and end of class. One step equations with subtracting.  Show Khan Academy video |  | Graphing a system of equations with no solution and infinite solutions.  Math Sprint at beginning and end of class. One step equations with multiplication.  Show Khan Academy video |
| Go Math: Differentiated Instruction Workbook pgs. 158 to 187  [https://www.khanacademy.org/ math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-linear-systems-by-graphing](https://www.khanacademy.org/%20math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-linear-systems-by-graphing) |  | Go Math: Differentiated Instruction Workbook pgs. 158 to 187  [https://www.khanacademy.org/ math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-linear-systems-by-graphing](https://www.khanacademy.org/%20math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-linear-systems-by-graphing) |  | Go Math: Differentiated Instruction Workbook pgs. 158 to 187  [https://www.khanacademy.org/ math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-linear-systems-by-graphing](https://www.khanacademy.org/%20math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-linear-systems-by-graphing) |
| [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) |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 17** | **March 18** | **March 19** | **March 20** | **March 21** |
|  | **8.EE.8b** |  | **8.EE.8b** | **Superintendent’s Conference Day** |
|  | Solving Systems of Equations by Substitution.  Math Sprint at beginning and end of class. One step equations with division.  Show Khan Academy video |  | Solving Systems of Equations by Elimination.  Math Sprint at beginning and end of class. Power of exponents.  Show Khan Academy video | **Superintendent’s Conference Day Teachers Report** |
|  | Go Math: Differentiated Instruction Workbook pgs. 158 to 187  [https://www.khanacademy.org/ math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-linear-systems-by-substitution](https://www.khanacademy.org/%20math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-linear-systems-by-substitution) |  | Go Math: Differentiated Instruction Workbook pgs. 158 to 187  [https://www.khanacademy.org/ math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-systems-of-equations-by-elimination](https://www.khanacademy.org/%20math/algebra/systems-of-eq-and-ineq/fast-systems-of-equations/v/solving-systems-of-equations-by-elimination) |  |
|  | [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) |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **j0078705MARCH 2014** | | | | | | | | | |
| Monday | Tuesday | | | | Wednesday | Thursday | | Friday | |
| **March 24** | **March 25** | | | | **March 26** | **March 27** | | **March 28** | |
|  | **8.EE.8c** | | | |  |  | |  | |
|  | Real World word problems for system of equations.  Math Sprint at beginning and end of class. Negative exponents.  Show Khan Academy video | | | |  | Review of Module 4 | |  | |
|  | Go Math: Differentiated Instruction Workbook pgs. 158 to 187  <https://www.khanacademy.org/math/algebra/systems-of-eq-and-ineq/systems-with-substitution/v/substitution-method-3> | | | |  |  | |  | |
|  | [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** | |
| **8.G.9** | | |  | **8.G.9** | | |  | **8.G.9** | |
| Real Life Examples of finding the volume of a cylinder.  Math Sprint at beginning and end of class. Multiply by ½.  Show Khan Academy video | | |  | Real Life Examples of finding the volume of a cone.  Math Sprint at beginning and end of class. Multiply by 1/3.  Show Khan Academy video | | |  | Real Life Examples of finding the volume of a sphere.  Math Sprint at beginning and end of class. Multiply by ¼.  Show Khan Academy video | |
| Go Math: Differentiated Instruction Workbook pgs. 277 to 295  <https://www.khanacademy.org/math/geometry/basic-geometry/volume_tutorial/v/cylinder-volume-and-surface-area> | | |  | Go Math: Differentiated Instruction Workbook pgs. 277 to 295 | | |  | Go Math: Differentiated Instruction Workbook pgs. 277 to 295  <https://www.khanacademy.org/math/geometry/basic-geometry/volume_tutorial/v/volume-of-a-sphere> | |
| [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) | | |  | [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** |
|  | | **8.SP.1** | | |  | **8.SP.3.** | | |  |
|  | | Creating a scatter plot.  Math Sprint at beginning and end of class. Multiply by 1/5.  Show Khan Academy video | | |  | Show how scatter plots are used in the real world.  Math Sprint at beginning and end of class. Multiply by 1/6.  Show Khan Academy video | | |  |
|  | | Go Math: Differentiated Instruction Workbook pgs. 296 to 308 | | |  | Go Math: Differentiated Instruction Workbook pgs. 296 to 308 | | |  |
|  | | [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) | | |  |
| **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/grade_8_math_released_questions.pdf> | | <http://www.engageny.org/sites/default/files/resource/attachments/grade_8_math_released_questions.pdf> | | <http://www.engageny.org/sites/default/files/resource/attachments/grade_8_math_released_questions.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** | |
|  | | |  |  | |  | |  | |
| <http://www.engageny.org/sites/default/files/resource/attachments/grade_8_math_released_questions.pdf> | | | <http://www.engageny.org/sites/default/files/resource/attachments/grade_8_math_released_questions.pdf> |  | |  | |  | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 5** | **May 6** | **May 7** | **May 8** | **May 9** |
| **8.NS.1** |  | **8.NS.2** |  | **8.NS.2** |
| Show differences between rational number and irrational number.  Math Sprint at beginning and end of class. Convert decimal to fraction.  Show Khan Academy video |  | Estimating Irrational Numbers.  (For example, square roots)  Math Sprint at beginning and end of class. Rounding.  Show Khan Academy video |  | Comparing and Ordering Irrational Numbers.  (Use number lines)  Math Sprint at beginning and end of class. Order numbers greater to least.  Show Khan Academy video |
| Go Math: Differentiated Instruction Workbook pgs. 1 to 19  [https://www.khanacademy.org/ math/arithmetic/order-of-operations/rational-irrational-numbers/v/recognizing-irrational-numbers](https://www.khanacademy.org/%20math/arithmetic/order-of-operations/rational-irrational-numbers/v/recognizing-irrational-numbers) |  | Go Math: Differentiated Instruction Workbook pgs. 1 to 19  [https://www.khanacademy.org/ math/arithmetic/exponents-radicals/radical-radicals/v/approximating-square-roots](https://www.khanacademy.org/%20math/arithmetic/exponents-radicals/radical-radicals/v/approximating-square-roots) |  | Go Math: Differentiated Instruction Workbook pgs. 1 to 19  [https://www.khanacademy.org/ math/arithmetic/exponents-radicals/radical-radicals/v/approximating-square-roots](https://www.khanacademy.org/%20math/arithmetic/exponents-radicals/radical-radicals/v/approximating-square-roots) |
| [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) |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 12** | **May 13** | **May 14** | **May 15** | **May 16** |
|  | **8.EE.2** |  | **8.EE.2** |  |
|  | Solve Equations in the form x^2 = p  Math Sprint at beginning and end of class. Order numbers least to greatest.  Show Khan Academy video |  | Solve Equations in the form x^3 = p  Math Sprint at beginning and end of class. Convert fraction to decimal.  Show Khan Academy video |  |
|  | [https://www.khanacademy.org/ math/arithmetic/exponents-radicals/radical-radicals/v/understanding-square-roots](https://www.khanacademy.org/%20math/arithmetic/exponents-radicals/radical-radicals/v/understanding-square-roots) |  | [https://www.khanacademy.org/ math/arithmetic/exponents-radicals/cube-root-tutorial/e/cube\_roots](https://www.khanacademy.org/%20math/arithmetic/exponents-radicals/cube-root-tutorial/e/cube_roots) |  |
|  | [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) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 19** | **May 20** | **May 21** | **May 22** | **May 23** |
|  |  | **8.G.6, 7, 8** |  | **8.G.9** |
| Mid Module 7 Review Day  Do a review activity with the students. |  | Review Pythagorean Theorem  Play review game  Math Sprint at beginning and end of class. Find perfect square roots.  Show Khan Academy video |  | Put students in groups to answer real world problems for volume of cones, spheres and cylinders  Math Sprint at beginning and end of class. Squared Numbers.  Show Khan Academy video |
|  |  | Go Math: Differentiated Instruction Workbook pgs. 258 to 269  [https://www.khanacademy.org/ math/geometry/right\_triangles\_ topic/pyth\_theor/v/pythagorean-theorem](https://www.khanacademy.org/%20math/geometry/right_triangles_%20topic/pyth_theor/v/pythagorean-theorem) |  | Go Math: Differentiated Instruction Workbook pgs. 277 to 295  [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.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) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 26** | **May 27** | **May 28** | **May 29** | **May 30** |
| **Memorial Day** |  |  |  |  |
| **Memorial Day No School** |  | Module 7 Review Day  Do a review activity with the students. |  | 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. (Prime,  Composite, Factor, GCF, Monomial, Binomial, Trinomial, Factor Trees)  Math Sprint at beginning and end of class. Find GCF.  Show Khan Academy video |
|  |  |  |  |  |
|  |  |  |  | [http://www.math-drills.com/multiplication.shtml#](http://www.math-drills.com/multiplication.shtml) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 2** | **June 3** | **June 4** | **June 5** | **June 6** |
|  |  |  |  |  |
|  | Multiplying Binomials with F.O.I.L or Box Method  Math Sprint at beginning and end of class. Prime or Composite. Find LCM.  Show Khan Academy video |  | Factoring  Math Sprint at beginning and end of class. Prime or Composite. Circle Prime and Composite numbers.  Show Khan Academy video |  |
|  | [https://www.khanacademy.org/ math/algebra/multiplying-factoring-expression/multiplying-binomials/v/multiplying-binomials](https://www.khanacademy.org/%20math/algebra/multiplying-factoring-expression/multiplying-binomials/v/multiplying-binomials) |  | [https://www.khanacademy.org/ math/algebra/multiplying-factoring-expression/factoring-quadratic-expressions/e/factoring\_polynomials\_1](https://www.khanacademy.org/%20math/algebra/multiplying-factoring-expression/factoring-quadratic-expressions/e/factoring_polynomials_1) |  |
|  | [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) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 9** | **June 10** | **June 11** | **June 12** | **June 13** |
|  |  |  |  | **Last Day of Classes** |
| **Review for 8th Grade Math Final** | **Review for 8th Grade Math Final** | **Review for 8th Grade Math Final** | **Review for 8th Grade Math Final** | **Review for 8th Grade Math Final** |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 17** | **June 17** | **June 18** | **June 19** | **June 20** |
|  | **Last Day of Classes** |  |  |  |
| **Review for 8th Grade Math Final** | **Review for 8th Grade Math Final** |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |