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| East Meadow Schools |
| CAP 2014-2015 |
| Grade 7H Math- Common Core Realignment7H Pacing Calendar |
| Common Core Curriculum Map |
| **Thomas Lyon – Coordinator****Natasha Soundias** |
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7H Math

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Abstract & Resources

Grade 7H Math- Common Core Realignment

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:

 7th Grade Modules

* 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 7th Grade & 8th Grade

Go Math 7th Grade

Big Ideas 7th Grade & 8th Grade

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 Test that they take in April.

Rationale

Grade 7H

7th  Grade Common Core Math- CAP

Summer 2014

The rationale for this CAP is based on the change in the New York State Standards for the 7th grade and 8th grade. The New York State Core Curriculum adjusted the topics taught in the 7th grade and 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 the 7th grade and 8th grade. 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 exam based on the Common Core Standards and the new modules.

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| j0078705 **SEPTEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 1** | **September 2** | **September 3** | **September 4** | **September 5** |
| **Labor Day** | **Supt. Conf. Day** | **First Day** |  |  |
|  | **No Students** | **6th Grade****(Morning)****7th & 8th****(Afternoon)** | **Distribute Calculators,****Class Overview,****Rational Numbers Review**  | **Rational Numbers Review (Operations with Fractions)** |
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| **j0078705SEPTEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 8** | **September 9** | **September 10** | **September 11** | **September 12** |
| **7.RP.1, 2** | **7.RP.1, 2** | **7.RP.1, 2** | **7.RP.1, 2** |  |
| **Module 1 Lesson 1**An Experience in Relationship as Measuring Rate* Ratio
* Rate
* Unit Rate
* Equivalent Ratio
* Ratio Table
 | **Module 1 Lesson 2**ProportionalRelationships | **Module 1 Lessons 3-4**Identifying Proportional and Non-proportional Relationships in Tables | **Module 1 Lesson 5-6**Identifying Proportional and Non-proportional Relationships in Graphs | **QUIZ** |
| **Resources:***Module 1* p. 9 – 16*Go Math* p. 117 – 122*Big Ideas* p. 162 – 168  | **Resources:** *Module 1* p. 17 – 23 *Go Math* p. 123 – 128*Big Ideas*  p. 170 - 175 | **Resources:***Module 1* p. 24 -37*Go Math* p. 123 – 128*Big Ideas* p. 170 - 175  | **Resources:***Module 1* p. 38 – 56 *Go Math* p. 129 – 134*Big Ideas* p. 76 - 177 |  |
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| **j0078705SEPTEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 15** | **September 16** | **September 17** | **September 18** | **September 19** |
| **7.RP.2b,c,d, 7.EE.4a** | **7.RP.2b,c,d, 7.EE.4a** | **7.RP.1, 2** |  |  |
| **Module 1 Lesson 7**Unit Rate as the ConstantProportionality(Introduce Slope) | **Module 1 Lesson 8-9**Representing Proportional Relationships with Equations  | **Module 1 Lesson 10**Interpreting Graphs of Proportional Relationships |  **Mid-Module 1 REVIEW** | **Mid Module 1 Assessment****TEST #1** |
| **Resources:***Module 1* p. 59 – 65 *Go Math* p. 125 – 126*Big Ideas* p. 200 – 203  | **Resources:** *Module 1* p. 66 – 75  *Go Math* p. 125 – 134*Big Ideas p.* 200 – 203  | **Resources:***Module 1* p. 84 – 100 *Go Math* p. 129 – 134*Big Ideas* p. 176 – 177  | **Resources:** *Module 1* p. 66 – 75  *Go Math* p. 125 – 134*Big Ideas p.* 200 – 203  | **Resources:** *Module 1* p. 76 – 83 *Go Math* p. 125 – 134*Big Ideas p.* 200 – 203  |
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| **j0078705 SEPTEMBER 2014**  |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 22** | **September 23** | **September 24** | **September 25** | **September 26** |
| **7.RP.1, 3, 7.EE.4a** | **7.RP.1, 3, 7.EE.4a** | **7.RP.1, 3, 7.EE.4a** | **Rosh Hashanah** | **Rosh Hashanah** |
| **Module 1 Lessons 11-12**Ratios of Fractions and Their Unit Rates | **Module 1 Lesson 15**Equations of Graphs of Proportional Relationships Involving Fractions | **Module 1 Lesson 14**Multistep Ratio Problems(Using Tape Diagrams) | **NO SCHOOL** | **NO SCHOOL** |
| **Resources:** *Module 1* p. 103 – 115 *Go Math* p. 117 – 122*Big Ideas* p. 162 – 168   | **Resources:** *Module 1* p. 132 – 138  *Go Math* p. 129 – 134*Big Ideas* p. 200 – 203  | **Resources:** *Module 1* p. 126 – 131 |  |  |
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| **j0078705SEPTEMBER/OCTOBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 29** | **September 30** | **October 1** | **October 2** | **October 3** |
|  | **7.RP.2b, 7.G.1** | **7.RP.2b, 7.G.1** | **7.RP.2b, 7.G.1** | **7.RP.2b, 7.G.1** |
| **QUIZ** |  **Module 1 Lesson 16-17****Big Ideas 7.5 (Activity)**Relating Scale Drawings to Ratios and Rates*Activities 1-4* *(Big Ideas p. 298-299)* | **Module 1 Lesson 18****Big Ideas 7.5**Computing Actual Lengths from a Scale Drawing | **Module 1 Lesson 18****Big Ideas 7.5 Lesson**Computing Actual Lengths from a Scale Drawing | **Module 1 Lesson 19****Big Ideas 7.5 Lesson**Computing Actual Areas from a Scale Drawing |
|  | **Resources:***Module 1* p. 140 – 153*Go Math* p. 237 – 242 *Big Ideas* p. 298 – 299  | **Resources:***Module 1* p. 165 – 174*Go Math* p. 237 – 242*Big Ideas* p. 300 – 305  | **Resources:***Module 1* p. 165 – 174 *Go Math* p. 237 – 242*Big Ideas* p. 300 – 305  | **Resources:***Module 1* p. 175 – 184 *Go Math* p. 237 – 242*Big Ideas* p. 302 – 305  |
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| **j0078705OCTOBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 6** | **October 7** | **October 8** | **October 9** | **October 10** |
| **7.RP.2b, 7.G.1** |  |  | **7.NS.1** | **7.NS.1a** |
| **Module 1 Lesson 19****Big Ideas 7.5 Lesson**Computing Actual Areas from a Scale Drawing | **End of Module 1 REVIEW** | **End of Module 1****SPIRALED TEST #2** | **Big Ideas 1.1** Integers and Absolute Value | **Module 2 Lesson 1**Opposite Quantities Combine to Make Zero  |
| **Resources:***Module 1* p. 175 – 184 *Go Math* p. 237 – 242*Big Ideas* p. 302 – 305  |  |  | **Resources:***Big Ideas* p. 2 – 7 | **Resources:***Module 2* p. 19 – 28*Go Math* p. 7 – 24*Big Ideas* p. 8 – 13  |
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| **j0078705OCTOBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 13** | **October 14** | **October 15** | **October 16** | **October 17** |
| **Columbus Day** | **7.NS.1** | **7.NS.1** | **7.NS.1** | **7.NS.1b** |
| **NO SCHOOL** | **Module 2 Lesson 2****Big Ideas 1.2**Using the Number Line to Model the Addition of Integers | **Module 2 Lessons 3-4****Big Ideas 1.2**Understanding Addition of Integers/ Efficiently Adding Integers | **Module 2 Lesson 5****Big Ideas 1.3**Understanding Subtraction of Integers **\*TAKE HOME QUIZ\*** | **Module 2 Lesson 6**The Distance Between Two Numbers |
|  | **Resources:***Module 2* p. 29 – 37*Go Math* p. 7 – 18*Big Ideas* p. 8 – 13  | **Resources:***Module 2* p. 38 – 57 *Go Math* p. 7 – 18 *Big Ideas* p. 8 – 13  | **Resources:** *Module 2* p. 58 – 67*Go Math* p. 19 – 24*Big Ideas* p. 14 – 19  | **Resources:***Module 2* p. 68 – 75 |
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| **j0078705OCTOBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 20** | **October 21** | **October 22** | **October 23** | **October 24** |
| **7.NS.2a** | **7.NS.2a** | **7.NS.2b** |  |  |
| **Module 2 Lesson 10****Big Ideas 1.4**Understanding Multiplication of Integers | **Module 2 Lesson 11****Big Ideas 1.4**Develop Rules for Multiplying Signed Numbers | **Module 2 Lesson 12****Big Ideas 1.5** Division of Integers | **REVIEW** | **Mid Module 2 Assessment****TEST #3** |
| **Resources:***Module 2* p. 103 – 110*Go Math* p. 37 – 42 *Big Ideas* p. 22 – 27  | **Resources:***Module 2* p. 111 – 118  *Go Math* p. 37 – 42 *Big Ideas* p. 22 – 27 | **Resources:** *Module 2* p. 119 – 126 *Go Math* p. 43 – 48*Big Ideas* p. 28 – 34 |  |  |
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| **j0078705OCTOBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 27** | **October 28** | **October 29** | **October 30** | **October 31** |
| **7.NS2b,d** | **7.NS2b,d** | **7.NS.1a,b,d, 7.NS.3** | **7.NS.1c,d, 7.NS.3** | **7.NS.1a,b,c,d/7.NS.3** |
| **Module 2 Lesson 13****Big Ideas 2.1**Rational Numbers/ Converting Between Fractions and Decimals Using Equivalent Fractions | **Module 2 Lesson 14****Big Ideas 2.1**Converting Rational Numbers to Decimals Using Long Division | **Module 2 Lesson 7** **Big Ideas 2. 2**Adding Rational Numbers  | **Module 2 Lesson 7****Big Ideas 2.3**Subtracting Rational Numbers  | **Module 2 Lesson 8****Big Ideas 2.2 - 2.3** Applying the Properties of Operations to Add and Subtract Rational Numbers |
| **Resources:***Module 2* p. 127 – 134*Go Math* p. 61 – 66*Big Ideas* p. 44 – 49  | **Resources:** *Module 2* p. 135 – 143*Go Math* p. 61 – 66*Big Ideas* p. 44 – 49  | **Resources:***Module 2* p. 76 – 83 *Go Math* p. 67 – 74  *Big Ideas* p. 50 – 55  | **Resources:***Module 2* p. 76 – 83 *Go Math* p. 75 – 82  *Big Ideas* p. 58 – 63  | **Resources:***Module 2* p. 84 – 90 *Go Math* p. 67 – 82, 95 – 100  *Big Ideas* p. 58 – 63  |
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| **j0078705NOVEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 3** | **November 4** | **November 5** | **November 6** | **November 7** |
| **7.NS.1a,b,c,d/7.NS.3** | **Election Day** | **7.NS.2a,b,c/7.NS.3** | **7.NS.2a,b,c/7.NS.3** | **7.NS.1c,d, 7.NS.3** |
| **Module 2 Lesson 9****Big Ideas 2.2 - 2.3** Applying the Properties of Operations to Add and Subtract Rational Numbers  | **Superintendent’s** **Conference****Day** | **Module 2 Lesson 15****Big Ideas 2.4**Multiplying and Dividing Rational Numbers (Day 1) | **Module 2 Lesson 15****Big Ideas 2.4**Multiplying and Dividing Rational Numbers(Day 2) | **Module 2 Lesson 16****Big Ideas 2.4**Applying the Properties of Operations to Multiply and Divide Rational Numbers**End of 1st Quarter** |
| **Resources:***Module 2* p. 84 – 90 *Go Math* p. 67 – 82, 95 – 100  *Big Ideas* p. 58 – 63  |  | **Resources:***Module 2* p. 144 - 150*Go Math* p. 83 - 94 *Big Ideas* p. 64 – 69  | **Resources:***Module 2* p. 144 - 150*Go Math* p. 83 - 94 *Big Ideas* p. 64 – 69   | **Resources:***Module 2* p. 151 – 159 *Go Math* p. 83 – 100  *Big Ideas* p. 64 – 69  |
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| **j0078705NOVEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 10** | **November 11** | **November 12** | **November 13** | **November 14** |
|  | **Veterans Day** |  | **7.EE.A.1, 7.EE.A.2** | **7.EE.A.1, 7.EE.A.2** |
| **End of Module 2 REVIEW** | **NO SCHOOL** | **End of Module 2****SPIRALED TEST #4** | **Module 3 Lesson 1****Big Ideas 3.1**Algebraic Expressions | **Module 3 Lesson 1/2****Big Ideas 3.2**Adding and Subtracting Linear Expressions (Day 1) |
|  |  |  | **Resources:***Module 3* p. 13 – 45*Go Math* p. 173 – 178*Big Ideas* p. 80 – 85  | **Resources:***Module 3* p. 13 – 45*Go Math* p. 173 – 178*Big Ideas* p. 86 – 91  |
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| **j0078705NOVEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 17** | **November 18** | **November 19** | **November 20** | **November 21** |
| **7.EE.A.1, 7.EE.A.2** | **7.EE.A.1, 7.EE.A.2** | **7.NS.2a,b,c/7.NS.3** | **7.EE.A.1, 7.EE.A.2** | **7.EE.A.1, 7.EE.A.2** |
| **Module 3 Lesson 1/2****Big Ideas 3.2**Adding and Subtracting Linear Expressions(Day 2) | **Module 3 Lesson 3**Writing Product as Sums and Sums as Products | **ELA INTERIM ASSESSMENT****(Subject to Change)** | **Module 3 Lesson 4****Big Ideas Extension 3.2**Writing Product as Sums and Sums as Products | **Module 3 Lesson 6**Collecting Rational Number Like Terms**\*TAKE HOME QUIZ\*** |
| **Resources:** *Module 3* p. 13 – 45 *Go Math* p. 173 – 178*Big Ideas* p. 86 – 91  | **Resources:***Module 3* p. 46 – 59*Go Math* p. 174 – 176  |   | **Resources:***Module 3* p. 60 – 69*Go Math* p. 174 – 176 *Big Ideas* p. 92 – 93  | **Resources:***Module 3* p. 82 – 94*Go Math* p. 173 – 178*Big Ideas* p. 82 – 85  |
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| **j0078705NOVEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 24** | **November 25** | **November 26** | **November 27** | **November 28** |
| **7.EE.A.4a** | **7.EE.A.4a** |  | **Thanksgiving** | **Recess** |
| **Big Ideas 3.3 - 3.4** Solving Equations Using Addition, Subtraction, Multiplication, and Division | **Module 2 Lesson 22****Big Ideas 3.5**Solving Two Step Equations | **Parent-Teacher****Conferences** | **NO SCHOOL** | **NO SCHOOL** |
| **Resources:***Go Math* p. 179 – 182 *Big Ideas* p. 96 – 107 | **Resources:***Module 2* p. 240 – 249 *Go Math* p. 191 – 196 *Big Ideas* p. 96 – 101  |  |  |  |
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| **j0078705DECEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 1** | **December 2** | **December 3** | **December 4** | **December 5** |
| **8.EE.7a, 8.EE.7b** | **8.EE.7a, 8.EE.7b** |  | **8.EE.7a, 8.EE.7b** | **8.EE.7a, 8.EE.7b** |
| **\*\*8th Grade Module\*\*****Module 4 Lesson 6**Solving Equations with Variables on Both Sides(Day 1) | **\*\*8th Grade Module\*\*****Module 4 Lesson 6**Solving Equations with Variables on Both Sides(Day 2) | **Math Interim Assessment** | **\*\*8th Grade Module\*\*****Module 4 Lesson 7**Classification of Solutions | **\*\*8th Grade Module\*\*****Module 4 Lesson 8**Solving Proportions |
| **Resources: (8th Grade)** *Module 4* p. 61 – 70*Big Ideas* p. 18 – 25 | **Resources: (8th Grade)** *Module 4* p. 61 – 70*Big Ideas* p. 18 – 25 |  | **Resources: (8th Grade)** *Module 4* p. 71 – 78 *Big Ideas* p. 21  | **Resources: (8th Grade)** *Module 4* p. 79 – 91  |
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| **j0078705DECEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 8** | **December 9** | **December 10** | **December 11** | **December 12** |
| **7.EE.B.3, 7.EE.A.4a** | **7.EE.B.3, 7.EE.A.4a** | **7.EE.B.3, 7.EE.A.4a** |  |  |
| **Module 2 Lesson 17**Comparing Tape Diagram Solutions to Algebraic Solutions***Focus:*** *Construct Simple Equations to Solve* *Real-World Problems*  | **Module 2 Lesson 23**Solving Equations Using Algebra***Focus:*** *Construct Simple Equations to Solve* *Real-World Problems* |  **Module 3 Lesson 7**Understanding Equations***Focus:*** *Construct Simple Equations to Solve**Real-World Problems* | **Mid Module 3 REVIEW** | **Mid Module 3 Assessment****TEST #5** |
| **Resources:***Module 2* p. 179 – 193 *Go Math* p. 185 – 196 *Big Ideas* p. 108 – 114  | **Resources:***Module 2* p. 250 – 260 *Go Math* p. 185 – 196 *Big Ideas* p. 108 – 114  | **Resources:***Module 3* p. 97 – 108  *Go Math* p. 185 – 196 *Big Ideas* p. 108 – 114  |   |  |
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| **j0078705DECEMBER 2014** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 15** | **December 16** | **December 17** | **December 18** | **December 19** |
| **7.EE.4b** | **7.EE.4b** | **7.EE.4b** | **7.EE.4b** | **7.EE.4b** |
| **Module 3 Lesson 12****Big Ideas 4.1**Properties of Inequalities | **Module 3 Lesson 13** **Big Ideas 4.1**Writing and Graphing Inequalities | **Big Ideas 4.2** Solving Inequalities Using Addition, Subtraction, Multiplication, and Division | **Module 3 Lessons 14 - 15** **Big Ideas 4.4**Solving Two-Step Inequalities (Day 1) | **Module 3 Lessons 14 - 15** **Big Ideas 4.4**Solving Two-Step Inequalities (Day 2)**\*TAKE HOME QUIZ\*** |
| **Resources:** *Module 3* p. 167 – 180*Big Ideas* p. 124 – 129 *Go Math* p. 201, 202, 216 | **Resources:** *Module 3* p. 181 – 189*Go Math* p. 203 – 210*Big Ideas* p. 124 – 129 | **Resources:***Big Ideas* p. 130 – 144 | **Resources:***Module 3* p. 190 – 215*Big Ideas* p. 146 – 151 *Go Math* p. 217 – 224 | **Resources:***Module 3* p. 190 – 215*Big Ideas* p. 146 – 151*Go Math* p. 217 – 224 |
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| **j0078705JANUARY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 5** | **January 6** | **January 7** | **January 8** | **January 9** |
| **7.G.4** | **7.G.4** | **7.G.4** | **7.EE.4b** |  |
| **Module 3 Lesson 16** **Big Ideas 8.1**The Most Famous Ratio of All/Introduction to Circles  | **Big Ideas 8.1****Module 3 Lesson 16**Circumference of a Circle | **Module 3 Lesson 17****Big Ideas 8.3**The Area of a Circle  | **Module 3 Lesson 18**More Problems on Area and Circumference | **End of Module 3 REVIEW** |
| **Resources:***Module 3* p. 236 – 246*Go Math* p. 265*Big Ideas* p. 316 – 322   | **Resources:***Module 3 p.* 236 – 246*Go Math* p. 265 – 270 *Big Ideas* p. 316 – 322   | **Resources:***Module 3* p. 247 – 257*Go Math* p. 271 – 276 *Big Ideas* p. 332 – 337  | **Resources:***Module 3* p. 247 – 267*Go Math* p. 273 – 274  |  |
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| **j0078705JANUARY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 12** | **January 13** | **January 14** | **January 15** | **January 16** |
|  | **7.RP.1,2c,3** | **7.RP.1,2c,3** | **7.RP.1,2c,3** | **7.RP.1,2c,33** |
| **End of Module 3 Spiraled TEST #6** | **Module 4 Lesson 1****Big Ideas 6.1**Percents | **Module 4 Lesson 2****Big Ideas 6.3/6.4**Part of a Whole as a Percent | **Module 4 Lesson 3****Big Ideas 6.3/6.4**Comparing Quantities with Percents | **Module 4 Lesson 4****Big Ideas 6.5** Percent Increase and Decrease (Day 1) |
|  | **Resources:***Module 4* p. 13 – 25*Go Math* p. 138*Big Ideas* p. 214 – 219  | **Resources:***Module 4* p. 26 – 38*Big Ideas* p. 226 – 237  | **Resources:***Module 4* p. 39 – 58 *Big Ideas* p. 226 – 237 | **Resources:***Module 4* p. 59 – 72 *Go Math* p. 141 – 146 *Big Ideas* p. 240 – 245  |
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| **j0078705JANUARY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 19** | **January 20** | **January 21** | **January 22** | **January 23** |
| **Martin L. King Jr.** | **7.RP.1,2c,3** | **7.RP.1,2c,3** |  | **7.RP.1, 2, 3/ 7.EE.3** |
| **No School** | **Module 4 Lesson 4****Big Ideas 6.5** Percent Increase and Decrease (Day 2) | **Module 4 Lesson 5**Find 100 Percent Given Another Percent | **QUIZ** | **Module 4 Lesson 7****Big Ideas 6.6**Markup and Markdown Problems (Day 1) |
|  | **Resources:***Module 4* p. 59 – 72 *Go Math* p. 141 – 146 *Big Ideas* p. 240 – 245 | **Resources:***Module 4* p. 73 – 83  |  | **Resources:***Module 4* p. 104 – 116 *Go Math* p. 147 – 152*Big Ideas* p. 246 – 251 |
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| **j0078705JANUARY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 26** | **January 27** | **January 28** | **January 29** | **January 30** |
| **7.RP.1, 2, 3/ 7.EE.3** | **7.RP.1, 2, 3/ 7.EE.3** | **7.RP.1, 2, 3/ 7.EE.3** | **7.RP.1, 2, 3/ 7.EE.3** |  |
| **Module 4 Lesson 7****Big Ideas 6.6**Markup and Markdown Problems (Day 2) | **Module 4 Lesson 8** Percent Error Problems | **Module 4 Lesson 10****Big Ideas 6.7** Simple Interest | **Module 4 Lesson 11**Tax, Commission, Fees, and Other Real-World Percent Problems | **Module 4 REVIEW****End of 2nd Quarter** |
| **Resources:***Module 4* p. 104 – 116 *Go Math* p. 147 – 152*Big Ideas* p. 246 – 251 | **Resources:***Module 4* p. 117 – 126  | **Resources:***Module 4* p. 134 – 148 *Go Math* p. 154*Big Ideas* p. 252 – 257  | **Resources:***Module 4* p. 149 – 158 *Go Math* p. 153 – 158  |  |
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| **j0078705FEBRUARY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 2** | **February 3** | **February 4** | **February 5** | **February 6** |
|  | **7.SP.C.5,6,7,8ab** | **7.SP.C.5,6,7,8ab** | **7.SP.C.5,6,7,8ab** | **7.SP.C.5,6,7,8ab** |
| **Module 4****Spiraled TEST #7** | **Module 5 Lesson1****Big Ideas 10.2**Chance Experiments | **Module 5 Lesson 2****Big Ideas 10.3** Estimating Probabilities by Collecting Data(Experimental Probability) | **Module 5 Lesson 3****Big Ideas 10.3** Chance Experiments with Equally Likely Outcomes(Experimental Probability) | **Module 5 Lesson 4****Big Ideas 10.3**Calculating Probabilities for Chance Experiments with Equally Likely Outcomes(Theoretical Probability) |
|  | **Resources:***Module 5* p. 11 – 23 *Go Math* p. 367 – 374 *Big Ideas* p. 406 – 411  | **Resources:***Module 5* p. 24 – 34 *Go Math* p. 375 - 380 *Big Ideas* p. 412 – 418  | **Resources:***Module 5* p. 35 – 43 *Go Math* p. 375 - 380 *Big Ideas* p. 412 – 419  | **Resources:***Module 5* p. 44 – 54 *Go Math* p. 399 – 404 *Big Ideas* p. 412 – 419  |
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| **j0078705FEBRUARY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 9** | **February 10** | **February 11** | **February 12** | **February 13** |
| **7.SP.C.5,6,7,8ab** | **7.SP.C.5,6,7,8ab** |  | **7.SP.C.6,7,8c** | **7.SP.C.6,7,8c** |
| **Module 5 Lesson 6****Big Ideas 10.4**Using Tree Diagrams to Represent a Sample Space and to Calculate Probabilities | **Module 5 Lesson 7****Big Ideas 10.4**Calculating Probabilities of Compound Events | **ELA Interim Assessment****(Subject to Change)** | **Module 5 Lesson 8**The Difference Between Theoretical and Estimated Probabilities | **Module 5 Lessons 10- 11****Big Ideas 10.5 Extension**Using Simulation to Estimate Probability**\*TAKE HOME TEST\*** |
| **Resources:***Module 5* p. 64 – 72 *Go Math* p. 405 – 410 *Big Ideas* p. 420 – 426  | **Resources:***Module 5* p. 73 – 85 *Go Math* p. 405 – 410 *Big Ideas* p. 420 – 426  |  | **Resources:***Module 5* p. 86 - 97 *Big Ideas* p. 412 – 419  | **Resources:***Module 5* p. 104 – 123 *Go Math* p. 417 – 422 *Big Ideas* p. 436 – 437  |
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| **j0078705FEBRUARY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 16** | **February 17** | **February 18** | **February 19** | **February 20** |
| **Winter Recess** | **Winter Recess** | **Winter Recess** | **Winter Recess** | **Winter Recess** |
| **No School** | **No School** | **No School** | **No School** | **No School** |
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| **j0078705FEBRUARY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 23** | **February 24** | **February 25** | **February 26** | **February 27** |
| **7.SP.A.1/7.SP.A.2** | **7.SP.A.1/7.SP.A.2** |  |  | **7.SP.A.1/7.SP.A.2** |
| **Module 5 Lesson 13****Big Ideas 10.6**Populations, Samples, and Generalizing from a Sample to a Population | **Module 5 Lessons 14-16****Big Ideas 10.6**Selecting a Sample/ Random Sampling/ Methods for Selecting a Random Sample | **Math Interim Assessment** |  | **Module 5 Lessons 18-19**Estimating a Population Mean/ Understanding Variability when Estimating a Population Proportion |
| **Resources:***Module 5* p. 148 – 159 *Go Math* p. 311 – 316 *Big Ideas* p. 440 – 445  | **Resources:***Module 5* p. 160 – 193 *Go Math* p. 311 – 316 p. 323 - 328 *Big Ideas* p. 440 – 445  |  |  | **Resources:** *Module 5* p. 207 – 224  |
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| **j0078705MARCH 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 2** | **March 3** | **March 4** | **March 5** | **March 6** |
| **7.SP.A.1/7.SP.A.2** | **7.SP.B.3/7.SP.B.4** |  |  | **7.G.B.5** |
| **Module 5 Lesson 20**Estimating a Population Proportion | **Module 5 Lesson 22-23** **Big Ideas 10.7**Comparing Populations  | **End of Module 5 REVIEW** | **End of Module 5****SPIRALED TEST #9** | **Module 3 Lesson 10**Angle Problems and Solving Equations |
| **Resources:***Module 5* p. 225 – 239  | **Resources:** *Module 5* p. 254 – 281 *Go Math* p. 347 – 352 *Big Ideas* p. 448 – 453  |  |  | **Resources:** *Module 3* p. 146 – 156 *Go Math* p. 251 – 258 *Big Ideas* p. 270 – 275  |
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| **j0078705MARCH 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 9** | **March 10** | **March 11** | **March 12** | **March 13** |
| **7.G.B.5** | **7.G.B.5** | **7.G.B.5** | **7.G.B.5** | **7.G.B.5** |
| **Module 3 Lesson 11**Angle Problems and Solving Equations | **Module 6 Lesson 1**Complementary and Supplementary Angles | **Module 6 Lesson 2**Solving for Unknown Angles using Equations | **Module 6 Lesson 3**Solving for Unknown Angles using Equations | **Module 6 Lesson 4**Solving for Unknown Angles using Equations |
| **Resources:** *Module 3* p. 158 – 166 *Go Math* p. 251 – 258 *Big Ideas* p. 270 – 275  | **Resources:** *Module 6* p. 9 – 18 *Go Math* p. 251 – 258 *Big Ideas* p. 276 – 281  | **Resources:** *Module 6* p. 19 – 26 *Go Math* p. 251 – 258 *Big Ideas* p. 276 – 281  | **Resources:** *Module 6* p. 27 – 37 *Go Math* p. 251 – 258 *Big Ideas* p. 276 – 281  | **Resources:** *Module 6* p. 38 – 47 *Go Math* p. 251 – 258 *Big Ideas* p. 276 – 281  |
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| **j0078705MARCH 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 16** | **March 17** | **March 18** | **March 19** | **March 20** |
|  | **7.G.A.2** | **7.G.A.2** | **7.G.A.2** | **Supt. Conf. Day** |
| **QUIZ** | **Module 6 Lesson 5**Unique Triangles | **Module 6** **Lessons 9, 10, and 12**Conditions for Unique Triangles* Show Theorems for SSS, SAS, ASA, AAS, AAA, and ASS

Make foldable to organize theorems | **Module 6** **Lesson 13 and 14**Checking for Identical TrianglesLesson 13* Example 1 and Exercise 1-3

Lesson 14* Example 1 and 2, and Exercise 1 and 2.
 | **No Students** |
|  | **Resources:** *Module 6* p. 50 – 60 *Go Math* p. 243 – 246 *Big Ideas* p. 282 – 287  | **Resources:** *Module 6* p. 90 - 127 *Go Math* p. 243 – 246 *Big Ideas* p. 282 – 287  | **Resources:** *Module 6* p. 128 – 144 *Go Math* p. 243 – 246 *Big Ideas* p. 282 – 287  |  |
|  |  | [***http://www.regentsprep.org/***](http://www.regentsprep.org/)***Regents/math/geometry/******GP4/Ltriangles.htm*** |  |  |
| **j0078705MARCH 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 23** | **March 24** | **March 25** | **March 26** | **March 27** |
| **7.G.A.2** | **7.G.A.2** |  |  |  |
| **Module 6 Lesson 15**Using Unique Triangles to Solve Real-World and Mathematical Problems* Opening Exercise: Lesson 14, Exercise 4, 6, and 7
* Example 1

Exercise 2a, 4a | **Module 6 Lesson 11**Conditions on Measurements that Determine a Triangle* Opening Exercise- Do Now
* Example 1 and 3
* Exercise 1, 3, 4, and 5
 | **QUIZ** | **Review for NYS Math Assessment** | **Review for NYS Math Assessment** |
| **Resources:** *Module 6* p. 145 – 151 *Go Math* p. 243 – 246 *Big Ideas* p. 282 – 287  | **Resources:** *Module 6* p. 108 – 118 *Go Math* p. 243 – 246 *Big Ideas* p. 282 – 287  |  |  |  |
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| **j0078705MARCH/APRIL 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 30** | **March 31** | **April 1** | **April 2** | **April 3** |
|  |  |  | **Spring Recess** | **Spring Recess** |
| **Review for NYS Math Assessment** | **Review for NYS Math Assessment** | **Review for NYS Math Assessment** | **No School** | **No School** |
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| **j0078705APRIL 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **April 13** | **April 14** | **April 15** | **April 16** | **April 17** |
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| **Review for NYS Math Assessment** | **NYS ELA EXAM****NYS Spiral Review** |  |  | **Review for NYS Math Assessment****End of 3rd Quarter** |
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| **j0078705APRIL 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **April 20** | **April 21** | **April 22** | **April 23** | **April 24** |
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| **Review for NYS Math Assessment** | **Review for NYS Math Assessment** | **NYS MATH ASSESSMENT** | **NYS MATH ASSESSMENT** | **NYS MATH ASSESSMENT** |
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| **j0078705APRIL/MAY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **April 27** | **April 28** | **April 29** |  | **May 1** |
| **7.G.B.6** | **7.G.B.6** | **7.G.B.6** | **7.G.A.3** | **7.G.B.6** |
| **Module 3 Lesson 19**Unknown Area Problems on the Coordinate Plane  | **Module 3 Lesson 20**Composite Area Problems  | **Module 6 Lesson 20**Real-World Area Problems | **Module 6****Lessons 16, 17, 18**Slicing Solids* Opening Exercise- Explore Activity 2
* Guided Practice #’s 1-4
* Independent Practice #’s 6-11
 | **Module 3 Lesson 21-22**Surface Area |
| **Resources:** *Module 3* p. 268 – 277 *Go Math* p. 277 – 282 *Big Ideas* p. 338 – 343  | **Resources:** *Module 3* p. 278 – 288 *Go Math* p. 277 – 282 *Big Ideas* p. 338 – 343  | **Resources:** *Module 6* p. 211 – 220 *Go Math* p. 277 – 282 *Big Ideas* p. 338 – 343  | **Resources:** *Module 6* p. 169 – 200 *Go Math* p. 247 – 250 *Big Ideas* p. 388 – 389  | **Resources:** *Module 3* p. 289 - 312 *Go Math* p. 283 – 288 *Big Ideas* p. 354 – 367  |
|  |  |  | <https://www.youtube.com/>watch?v=y8ct1mPYHUk<https://www.youtube.com/>watch?v=7-QYUu7MabQ | <https://www.youtube.com/>watch?v=y8ct1mPYHUk<https://www.youtube.com/>watch?v=7-QYUu7MabQ |
| **j0078705MAY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 4** | **May 5** | **May 6** | **May 7** | **May 8** |
| **7.G.B.6** | **7.G.B.6** | **7.G.B.6** | **7.G.B.6** |  |
| **Module 6 Lesson 23-24**Surface Area (Composite Figures) | **Module 3 Lesson 23**Volume | **Module 3 Lesson 24**Volume | **Module 6 Lesson 26**Volume of Composite 3D Objects | **End of Module 6 REVIEW** |
| **Resources:** *Module 6* p. 246 – 264 *Go Math* p. 283 – 288 *Big Ideas* p. 354 – 367  | **Resources:** *Module 3* p. 313 – 323 *Go Math* p. 289 – 294 *Big Ideas* p. 376 – 387  | **Resources:** *Module 3* p. 324 – 334 *Go Math* p. 289 – 294 *Big Ideas* p. 376 – 387  | **Resources:** *Module 6* p. 277 – 284 *Go Math* p. 289 – 294 *Big Ideas* p. 376 – 387  |  |
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| **j0078705MAY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 11** | **May 12** | **May 13** | **May 14** | **May 15** |
|  | **8.EE.5** | **8.EE.5** | **8.EE.6, 8.F.4** | **8.EE.6, 8.F.4** |
| **End of Module 6****SPIRALED TEST #10** | **\*\*8th Grade Module\*\*****Module 4 Lesson 12****Big Ideas 4.1**Graphing Linear Equations (Using a Table of Values) | **\*\*8th Grade Module\*\*****Module 4 Lesson 14****Big Ideas 4.1**Graphing Linear Equations (Include Horizontal and Vertical Lines) | **\*\*8th Grade Module\*\*****Module 4 Lesson 15****Big Ideas 4.2**Slope of a Line | **\*\*8th Grade Module\*\*****Module 4 Lesson 16-17****Big Ideas 4.2**Slope of a Line |
|  | **Resources: (8th Grade)** *Module 4* p. 132 – 146 *Big Ideas* p. 142 – 147  | **Resources: (8th Grade)** *Module 4* p. 163 – 178 *Big Ideas* p. 142 – 147  | **Resources: (8th Grade)** *Module 4* p. 191 – 214 *Big Ideas* p. 148 – 157  | **Resources: (8th Grade)** *Module 4* p. 215 – 256 *Big Ideas* p. 148 – 157  |
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| **j0078705MAY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 18** | **May 19** | **May 20** | **May 21** | **May 22** |
| **8.EE.6** | **8.EE.6** | **8.F.4** | **8.F.4** |  |
| **\*\*8th Grade Module\*\*****Module 4 Lesson 18****Big Ideas 4.4**Graphing Linear Equations in Slope-Intercept Form | **\*\*8th Grade Module\*\*****Module 4 Lesson 23****Big Ideas 4.5**Graphing Linear Equations in Standard Form | **\*\*8th Grade Module\*\*****Module 4 Lesson 20****Big Ideas 4.6**Writing the Equation of a Line (Graphs)Day 1 | **\*\*8th Grade Module\*\*****Module 4 Lesson 21****Big Ideas 4.7**Writing the Equation of a Line (Given Two Points, Slope and One Point)Day 2 | **TEST**Part 1: In Class Part 2: Take Home |
| **Resources: (8th Grade)** *Module 4* p. 257 – 279 *Big Ideas* p. 166 – 171  | **Resources: (8th Grade)** *Module 4* p. 348 – 358 *Big Ideas* p. 172 – 177  | **Resources: (8th Grade)** *Module 4* p. 301 – 319 *Big Ideas* p. 178 – 183  | **Resources: (8th Grade)** *Module 4* p. 301 – 319 *Big Ideas* p. 178 – 183  |  |
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| **j0078705MAY 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 25** | **May 26** | **May 27** | **May 28** | **May 29** |
| **Memorial Day** | **8.EE.8a,b,c** | **8.EE.8a,b,c** | **8.EE.8b,c** | **8.EE.8b,c** |
| **No School** | **\*\*8th Grade Module\*\*****Module 4 Lesson 24-25****Big Ideas 5.1**Solving Systems of Linear Equations Graphically  | **\*\*8th Grade Module\*\*****Module 4 Lesson 25-26****Big Ideas 5.4**Solving Systems of Linear Equations Graphically(Special Cases)  | **\*\*8th Grade Module\*\*****Module 4 Lesson 27****Big Ideas 5.2**Solving Systems of Linear Equations By Substitution  | **\*\*8th Grade Module\*\*****Module 4 Lesson 28****Big Ideas 5.3**Solving Systems of Linear Equations By Elimination(Include Real-Life Problems)  |
|  | **Resources: (8th Grade)** *Module 4* p. 361 – 378 *Big Ideas* p. 202 – 207  | **Resources: (8th Grade)** *Module 4* p. 395 – 410 *Big Ideas* p. 224 – 231  | **Resources: (8th Grade)** *Module 4* p. 411 – 424 *Big Ideas* p. 208 – 213  | **Resources: (8th Grade)** *Module 4* p. 425 – 440 *Big Ideas* p. 216 – 223  |
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| **j0078705JUNE 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 1** | **June 2** | **June 3** | **June 4** | **June 5** |
| **8.F.1** | **8.F.1** | **8.F.1** | **8.F.1** |  |
| **\*\*8th Grade Module\*\*****Module 5 Lesson 2****Big Ideas 6.1 - 6.2**Relations, Functions and Representations of Functions | **\*\*8th Grade Module\*\*****Module 5 Lesson 3****Big Ideas 6.3**Linear Functions | **\*\*8th Grade Module\*\*****Module 5 Lesson 8****Big Ideas 6.4**Comparing Linear and Non- Linear Functions | **\*\*8th Grade Module\*\*****Module 6 Lesson 4-5****Big Ideas 6.5**Analyzing and Sketching Graphs | **TEST**Part 1: In Class Part 2: Take Home |
| **Resources: (8th Grade)** *Module 5* p. 20 – 30 *Big Ideas* p. 242 – 255  | **Resources: (8th Grade)** *Module 5* p. 31 – 44 *Big Ideas* p. 256 – 263  | **Resources: (8th Grade)** *Module 5* p. 96 – 106 *Big Ideas* p. 266 – 271  | **Resources: (8th Grade)** *Module 6* p. 38 – 65 *Big Ideas* p. 272 – 277  |  |
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| **j0078705JUNE 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 8** | **June 9** | **June 10** | **June 11** | **June 12** |
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| **END of YEAR REVIEW** | **END of YEAR REVIEW** | **END of YEAR REVIEW** | **END of YEAR REVIEW** | **END of YEAR REVIEW** |
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| **j0078705JUNE 2015** |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 15** | **June 16** | **June 17** | **June 18** | **June 19** |
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| **END of YEAR REVIEW** | **END of YEAR REVIEW****Last Day of Class** | **Finals Week** | **Finals Week** | **Finals Week**  |
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