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| East Meadow Schools |
| CAP 2012-2013 |
| Grade 7H & 8H Math- Algebra Common Core Realignment  7H Pacing Calendar |
| Common Core Curriculum Map |
| **Eileen Lewner- Coordinator** |
| **Thomas Lyon, Kelly Rogala, Cathy Kreuder, Ann Wolin** |

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Abstract & Resources

Grade 7H &8H Math- Algebra 1 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

8th Grade Modules

* 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 7: Introduction to Irrational Numbers using Geometry

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

(ENG7) Engage NY 7th Grade

(ENG8) Engage NY 8th grade

(GM7) Go Math 7th Grade

(GM8) Go Math 8th Grade

(BD7) Buckle Down 7th Grade

(BD8) Buckle Down 8th Grade

(G) Glencoe 7th 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 & 8H

7th & 8th Grade Common Core Math- CAP

Summer 2012

The rationale for this CAP is based on the change in the New York State Standards for the 7th and 8th grade. The New York State Core Curriculum adjusted the topics taught in the 7th 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 7th 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 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 2** | **September 3** | **September 4** | **September 5** | **September 6** |
| **Labor Day** | **Supt. Conf. Day** | **1st Day** | **Rosh Hashanah** | **Rosh Hashanah** |
| **No School** | **No Students** | **6th Grade**  **(Morning)**  **7th & 8th**  **(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** |
|  |  | **7.RP.1/2** | **7.RP.1/2** | **7.RP.1/2** |
| Distribute calculators  &  Class Overview | **Module 1 (7th)**  Concept Review  Are YOU Ready? | **Module 1 (7th)**  Lesson 1:  An Experience in Relationship as Measuring Rate   * Ratio * Rate * Unit Rate * Equivalent Ratio * Ratio Table | **Module 1 (7th)**  Lesson 1:  An Experience in Relationship as Measuring Rate   * Real Life Application | **Module 1 (7th)**  Lesson 2:  Proportional  Relationships |
|  | (GM7) CC17 – CC20 | (ENG7) 9 – 16  (ENG7) S.1 – S.3  (GM7) 117 – 122  (BD7) 55 – 66  (G) 9 - 24 | (ENG7) 9 – 16  (ENG7) S.1 – S.3  (GM7) 117 – 122  (BD7) 55 – 66  (G) 9 - 24 | (ENG7) 17 – 23  (ENG7) S.4 – S.7  (GM7) 123 – 134  (BD7) 67 – 73  (G) 9 - 24 |
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| **j0078705SEPTEMBER 2013** | | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday | |
| **September 16** | **September 17** | **September 18** | **September 19** | **September 20** | |
| **7.RP.1/2** | **7.RP.1/2** | **7.RP.1/2** | **7.RP.1/2** |  | |
| **Module 1 (7th)**  Lesson 3:  Identifying Proportional and Nonproportional Relationships and Tables | **Module 1 (7th)**  Lesson 4:  Identifying Proportional and Nonproportional Relationships in Tables | **Module 1 (7th)**  Lesson 5:  Identifying Proportional and Nonproportional Relationships in Graphs | **Module 1 (7th)**  Lesson 6:  Identifying Proportional and Nonproportional Relationships in Graphs | **QUIZ** | |
| (ENG7) 24 -32  (ENG7) S.8 – S.12  (GM7) 123 – 134  (BD7) 67 -75  (G) 33 - 44 | (ENG7) 33 – 37  (ENG7) S.13 – S.15  (GM7) 123 – 134  (BD7) 67 – 75  (G) 45 - 54 | (ENG 7) 38 – 47  (ENG7) S.16 – S.19  (GM7) 123 – 134  (BD7) 67 – 75  (G) 45 - 54 | (ENG7) 48 – 56  (ENG7) S.20 – S.22  (GM7) 123 – 134  (BD7) 67 – 75  (G) 45 - 54 |  | |
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| **j0078705 SEPTEMBER 2013** | | | | | |
| Monday | Tuesday | Wednesday | Thursday | | Friday |
| **September 23** | **September 24** | **September 25** | **September 26** | | **September 27** |
| **7.RP.2b/c/d, 7.EE.4a** | **7.RP.2b/c/d, 7.EE.4a** | **7.RP.2b/c/d, 7.EE.4a** | **7.RP.2b/c/d, 7.EE.4a** | |  |
| **Module 1 (7th)**  Lesson 7:  Unit Rate as the Constant  Proportionality | **Module 1 (7th)**  Lesson 8:  Representing Proportional Relationships with Equations | **Module 1 (7th)**  Lesson 9:  Representing Proportional Relationships with Equations | **Module 1 (7th)**  Lesson 10:  Interpreting Graphs of Proportional Relationships | | **REVIEW**  **DAY** |
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| **j0078705SEPTEMBER/OCTOBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 30** | **October 1** | **October 2** | **October 3** | **October 4** |
|  | **7.RP.1/3, 7.EE.4a** | **7.RP.1/3, 7.EE.4a** | **7.RP.1/3, 7.EE.4a** | **7.RP.1/3, 7.EE.4a** |
| **MID**  **MODULE**  **ASSESSMENT** | **Module 1 (7th)**  Lesson 11:  Ratios of Fractions  and Their  Unit Rates | **Module 1 (7th)**  Lesson 12:  Ratios of Fractions and Their  Unit Rates | **Module 1 (7th)**  Lesson 13:  Finding Equivalent Ratios Given the  Total Quantity | **Module 1 (7th)**  Lesson 14:  Multi-step Ratio Problems |
|  | (ENG7) 103 – 110  (ENG7) S.45 – S.48  (GM7) 114 – 122  (G) 25 – 32 | (ENG7) 11 – 115  (ENG7) S.49 – S.51  (GM7) 114 – 122  (G) 25 – 32 | (ENG7) 116 – 125  (ENG7) S.52 – S.57  (GM7) 114 - 122 | (ENG7) 126 – 131  (ENG7) S.58 – S.60 |
| **QUIZ SOURCE**  **(ENG7) 93 - 100** |  |  |  |  |

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| **j0078705OCTOBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 7** | **October 8** | **October 9** | **October 10** | **October 11** |
| **7.RP.1/3, 7.EE.4a** |  | **7.RP.1/3, 7.EE.4a** | **7.RP.1/3, 7.EE.4a** | **7.RP.1/3, 7.EE.4a** |
| **Module 1 (7th)**  Lesson 15:  Equations of Graphs of Proportional Relationships Involving Fractions | **QUIZ** | **Module 1 (7th)**  Lesson 16:  Relating Scale Drawing to Ratios and Rates  Home Project: Lesson 20  Due: Friday, October 18th | **Module 1 (7th)**  Lesson 17:  The Unit Rate as a  Scale Factor | **Module 1 (7th)**  Lesson 18 and 19:  Computing Actual Length of Scale Drawings |
| (ENG7) 132 – 139  ENG7) 61 – 64  (G) 45 - 55 |  | (ENG7) 140 – 153  (ENG7) S.65 – S.71  (G) 571 - 582 | (ENG7) 154 – 160  (ENG7) S.72 – S.77  (GM7) 237 – 242  (G) 571 - 582 | (ENG7) 165 – 184  (ENG7) S.78 – S.90  (GM7) 237 – 242  (BD7) 156 – 162  (G) 571 – 582  601 - 602 |
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| **j0078705OCTOBER 2013** | | | | | | | | |
| Monday | | Tuesday | | Wednesday | | Thursday | | Friday |
| **October 14** | | **October 15** | | **October 16** | | **October 17** | | **October 18** |
| **Columbus Day** | | **7.RP.1/3, 7.EE.4a** | |  | |  | |  |
| **No School** | | **Module 1 (7th)**  Lesson 21 and 22:  An Exercise in Changing Scales | | **End of Module 1(7th)**  **REVIEW**  **End of Module**  **Assessment Task** | | **End of**  **Module 1(7th)**  **REVIEW** | | **End of**  **Module 1(7th)**  **TEST** |
|  | | (ENG7) 194 – 208  (ENG7) S.97 – S.107  (G) 571 - 582 | | (ENG7) 209 - 214 | | (ENG7) 209 - 214 | |  |
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| **j0078705OCTOBER 2013** | | | | | | | | |
| Monday | Tuesday | | Wednesday | | Thursday | | Friday | |
| **October 21** | **October 22** | | **October 23** | | **October 24** | | **October 25** | |
| **7.NS.1a/b/c/d7.NS.3** | **7.NS.1a/b/c/d7.NS.3** | | **7.NS.1a/b/c/d7.NS.3** | | **7.NS.1a/b/c/d7.NS.3** | | **7.NS.1a/b/c/d7.NS.3** | |
| **Module 2 (7th)**  Adding Rational Numbers  (Integers) | **Module 2 (7th)**  Adding and Subtracting Rational Numbers  (Integers) | | **Module 2 (7th)**  Adding and Subtracting Rational Numbers  (Fractions/Decimals) | | **Module 2 (7th)**  Adding and Subtracting Rational Numbers (Integers/Fractions/Decimals) | | **Module 2 (7th)**  Multiplying and Dividing Rational Numbers  (Integers) | |
| (GM7) 7 – 24  (G) 199 - 210 | (GM7) 25 – 32  (G) 199 - 228 | | (GM7) 67 – 82  (BD7) 18 – 25  (G) 279 - 310 | | (GM7) 67 – 82  (BD7) 18 – 25  (G) 279 - 310 | | (GM7) 37 – 48  (G) 229 - 250 | |
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| **j0078705OCTOBER 2013** | | | | | | | | |
| Monday | | Tuesday | | Wednesday | | Thursday | | Friday |
| **October 28** | | **October 29** | | **October 30** | | **October 31** | | **November 1** |
| **7.NS.3** | |  | | **7.NS2a/b/c/d 7NS.3** | | **7.NS2a/b/c/d 7NS.3** | | **7.NS.3** |
| **Module 2 (7th)**  Applying  Integer  Operations | | **Integer**  **Quiz** | | **Module 2 (7th)**  Multiplying  Rational Numbers | | **Module 2 (7th)**  Dividing  Rational Numbers | | **Module 2 (7th)**  Rational  Numbers:  Real World Applications |
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|  | | **QUIZ SOURCE**  **(GM7) 32, 55, 56** | |  | |  | |  |

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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 4** | **November 5** | **November 6** | **November 7** | **November 8** |
| **7.NS.3** | **Election Day** | **7.NS.3** |  |  |
| **Module 2 (7th)**  Rational Numbers:  Real World Application | **Supt.**  **Conference**  **Day** | **Module 2 (7th)**  Rational Numbers:  Real World Application | **END of Module 2(7th)**  **REVIEW** | **END of Module 2(7th)**  **SPIRALED**  **TEST**  **END OF 1st QUARTER** |
| (GM7) 95 – 100  (BD7) 42 – 54  (G) 335 - 342 |  | (GM7) 95 – 100  (BD7) 42 – 54  (G) 335 - 342 | (GM7) 103 - 108 |  |
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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 11** | **November 12** | **November 13** | **November 14** | **November 15** |
| **Veterans Day** | **7.EE.1** | **7.EE.1** | **7.EE.3** | **7.EE.3** |
| **No School** | **Module 3 (7th)**  Algebraic Expressions   * Simplifying and Combining * Distributive Property | **Module 3 (7th)**  Add and Subtract  Linear Expressions | **Module 3 (7th)**  Solving One-Step Equations | **Module 3 (7th)**  Solving Two-Step Equations |
|  | (GM7) 173 – 178  (BD7) 94 – 101  (G) 375 – 382  387 - 394 | (G) 395 - 410 | (GM7) 179 – 184  (G) 433 - 464 | (GM7) 191 – 198  (BD7) 105 – 109  (G) 469 - 488 |
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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 18** | **November 19** | **November 20** | **November 21** | **November 22** |
| **7.EE.3** |  | **7.EE.2** | **7.EE.2** | **7.EE.2** |
| **Module 3 (7th)**  Solving Two-Step Equations | **EQUATIONS**  **QUIZ** | **ELA Interim Assessment**  **Module 3 (7th)**  Writing and Solving  Two-Step Equations | **Module 3 (7th)**  Writing and Solving  Two-Step Equations | **Module 3 (7th)**  Real World Application: Using Algebra to Solve Word Problems  (Linear Equations) |
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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 25** | **November 26** | **November 27** | **November 28** | **November 29** |
| **8.EE.7.a/b** | **8.EE.7.a/b** |  | **Thanksgiving** | **Recess** |
| **Module 4 (8th)**  Solving Multi-Step Equations  Using Distributive Property | **Module 4 (8th)**  Solving Multi-Step Equations with Many or No Solutions | **Parent-Teacher**  **Conferences** | **No School** | **No School** |
| (GM8) 209 - 214 | (GM8) 215 - 222 |  |  |  |
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| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 2** | **December 3** | **December 4** | **December 5** | **December 6** |
| **8.EE.7.a/b** | **8.EE.7.a/b** |  |  |  |
| **Module 4 (8th)**  Solving Multi-Step Equations with Rational Coefficients   * Variables on Both Sides * Combining Like Terms * Include fractions & decimals within the same problem   (Interim Review) | **Module 4 (8th)**  Solving Multi-Step Equations with Rational Coefficients   * Variables on Both Sides * Combining Like Terms * Include fractions & decimals within the same problem   (Interim Review) | **Math Interim Assessment** |  |  |
| (GM8) 197 – 202  (BD8) 41 - 46 | (GM8) 197 – 202  (BD8) 41 - 46 |  |  |  |
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| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 9** | **December 10** | **December 11** | **December 12** | **December 13** |
| **8.EE.7.a/b** |  |  |  | **7.EE.4** |
| **Module 4 (8th)**  Solving Multi-Step Equations with Rational Coefficients   * Variables on Both Sides * Combining Like Terms * Include fractions & decimals within the same problem | **Equations:**  **Review/Practice**  **(Make up Day**  **If needed)** | **Equations:**  **Review/Practice** | **Equations:**  **SPIRALED**  **TEST** | **Module 3 (7th)**  Introduction to  Inequalities   * Graphing * Vocabulary   (including at the most/least) |
| (GM8) 197 – 208  (BD8) 41 – 46 |  |  |  | (GM7) 201, 202, 216  (G) 493 - 496 |
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| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 16** | **December 17** | **December 18** | **December 19** | **December 20** |
| **7.EE.4** | **7.EE.4** | **7.EE.4** | **7.EE.4** | **7.EE.4** |
| **Module 3 (7th)**  Solving One-Step Inequalities   * Switching inequality symbol when multiplying or dividing by a negative | **Module 3 (7th)**  Solving Two-Step Inequalities  And Graphing Solutions | **Module 3 (7th)**  Solving Two-Step Inequalities  And Graphing Solutions | **Module 3 (7th)**  Writing and Solving Linear Inequalities and Graphing Solutions | **Module 3 (7th)**  Writing and Solving Linear Inequalities and Graphing Solutions  **QUIZ**  **Solving One and Two Step Inequalities** |
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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 6** | **January 7** | **January 8** | **January 9** | **January 10** |
| **7.EE.4** |  |  |  | **7.EE.2** |
| **Module 3 (7th)**  Real World Application:  Using Inequalities to Solve Word problems | **Module 3 (7th)**  Inequalities/Equations  Review and Practice | **End of**  **Module3 (7th)**  **TEST REVIEW** | **End of**  **Module3 (7th)**  **SPIRALED TEST**  **Inequalities/**  **Equations** | **Module 2 (7th)**  Converting   * Decimals * Fractions * Percents |
| (GM7) 225 – 230  (BD7) 120 – 125 | (GM7) 225 – 230  (BD7) 120 – 125 |  |  | (GM7) 138, 364  (G) 130 |
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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 13** | **January 14** | **January 15** | **January 16** | **January 17** |
| **7.EE.2** | **7.EE.2** | **7.RP.3** | **7.RP.3** | **7.RP.3** |
| **Module 2 (7th)**  Percent Proportion | **Module 2 (7th)**  Percent Proportion | **Module 4 (7th)**  Percent of Increase/Decrease | **Module 4 (7th)**  Percent of Increase/Decrease | **Module 4 (7th)**  Mark-up  **QUIZ** |
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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 20** | **January 21** | **January 22** | **January 23** | **January 24** |
| **Martin L. King Jr.** | **7.RP.3** | **7.RP.3** | **7.RP.3** | **7.RP.3** |
| **No School** | **Module 4 (7th)**  Total Cost/  Sales Tax | **Module 4 (7th)**  Total Cost/  Sales Tax | **Module 4 (7th)**  Total Cost/  Gratuities | **Module 4 (7th)**  Total Cost/  Gratuities |
|  | (GM7) 153 – 166  (BD7) 76 – 92  (G) 151 - 158 | (GM7) 153 – 166  (BD7) 76 – 92  (G) 151 - 158 | (GM7) 153 – 166  (BD7) 76 – 92  (G) 151 - 158 | (GM7) 153 – 166  (BD7) 76 – 92  (G) 151 - 158 |
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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 27** | **January 28** | **January 29** | **January 30** | **January 31** |
| **7.RP.3** | **7.RP.3** | **7.RP.3** | **7.RP.3** | **7.RP.3** |
| **Module 4 (7th)**  Total Cost/  Mark-down and Discount | **Module 4 (7th)**  Total Cost/  Mark-down and Discount | **Module 4 (7th)**  Commission/Fees | **Module 4 (7th)**  Commission/Fees | **Module 4 (7th)**  **QUIZ**  **End of 2nd Quarter** |
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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 3** | **February 4** | **February 5** | **February 6** | **February 7** |
| **7.RP.3** | **7.RP.3** | **7.RP.3** | **7.RP.3** | **7.RP.3** |
| **Module 4 (7th)**  Simple Interest | **Module 4 (7th)**  Simple Interest | **Module 4 (7th)**  Percent of Error | **Module 4 (7th)**  Percent of Error | **Module 4 (7th)**  Real Life  Application:  Percent |
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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 10** | **February 11** | **February 12** | **February 13** | **February 14** |
|  |  | **7.SP.1** | **7.SP.2** | **7.SP.2** |
| **End of Module 4 (7th)**  **REVIEW** | **End of Module 4 (7th)**  **SPIRALED TEST** | **ELA Interim Assessment**  **Module 5 (7th)**  Random Samples and Population | **Module 5 (7th)**  Making Inferences from Random Samples | **Module 5 (7th)**  Generating Random Samples |
|  |  | (GM7) 307 – 316  (BD7) 205 – 207  (G) 793 – 812 | (GM7) 317 – 322  (BD7) 205 – 207  (G) 793 – 812 | (GM7) 323 – 330  (BD7) 205 – 207  (G) 793 – 812 |
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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 17** | **February 18** | **February 19** | **February 20** | **February 21** |
| **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 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 24** | **February 25** | **February 26** | **February 27** | **February 28** |
| **7.SP.2/3** | **7.SP.3** | **7.SP.3/4** | **7.SP.3** | **7.SP.3** |
| **Module 5 (7th)**  Analyzing and Comparing Data   * Dot Plot * Box and Whisker | **Module 5 (7th)**  Analyzing and Comparing Data   * Dot Plot * Box and Whisker | **Math Interim Assessment**  **Module 5 (7th)**  Real World Application:  Using Dot Plots and Box and Whisker | **Module 5 (7th)**  Compare Population:  Mean Absolute Deviation | **Module 5 (7th)**  Compare Population:  Mean Absolute Deviation |
| (GM7) 331 – 346  (BD7) 208 – 231  (G) 827 – 838 | (GM7) 331 – 346  (BD7) 208 – 231  (G) 827 – 838 | (GM7) 331 – 346  (BD7) 208 – 231  (G) 827 – 838 | (GM7) 347 – 354  (BD7) 220 - 223 | (GM7) 347 – 354  (BD7) 220 - 223 |
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| **j0078705MARCH 2014** | | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday | |
| **March 3** | **March 4** | **March 5** | **March 6** | **March 7** | |
|  | **7.SP.5/6** | **7.SP.5/6** | **7.SP.6/7** | **7.SP.7/8** | |
| **Module 5 (7th)**  **QUIZ/TEST**  **Statistics** | **Module 5 (7th)**  Introduction to Probability   * Likelihood of an Event * Sample Space | **Module 5 (7th)**  Probability of Simple Events:   * Theoretical * Experimental | **Module 5 (7th)**  Fair and Unfair Games  Review Theoretical and Experimental Probability | **Module 5 (7th)**  Probability of Compound Events   * Tree Diagram * Making a list | |
|  | (GM7) 367 – 374  (BD7) 190 – 197  (G) 711 – 718 | (GM7) 375 – 380  399 – 404  (BD7) 190 – 197  (G) 721 – 728 | (BD7) 190 – 197  (G) 729 – 732 | (GM7) 381 – 386  405 – 410  (BD7) 198 – 204  (G) 733 - 740 | |
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| **j0078705MARCH 2014** | | | | | |
| Monday | Tuesday | Wednesday | Thursday | | Friday |
| **March 10** | **March 11** | **March 12** | **March 13** | | **March 14** |
| **7.SP.7/8 a/b** | **7.SP.8c** | **7.SP.8c** |  | |  |
| **Module 5 (7th)**  Probability of Compound Events | **Module 5 (7th)**  Simulations/Predictions | **Module 5 (7th)**  Simulations/Predictions | **End of Module 5 (7th)**  **REVIEW** | | **Module 5 (7th)**  **SPIRALED TEST**  **Statistic/**  **Probability** |
| (GM7) 381 – 386  405 – 410  (BD7) 198 – 204  (G) 733 – 740 | (GM7) 383 – 386  411- 422  (BD7) 224 – 226  (G) 741 – 749 | (GM7) 383 – 386  411- 422  (BD7) 224 – 226  (G) 741 – 749 | (GM7) 355 – 360  423 - 430 | |  |
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| **j0078705MARCH 2014** | | | | | | | | | | | | | |
| Monday | Tuesday | | | Wednesday | | | Thursday | | | Friday | | | |
| **March 17** | **March 18** | | | **March 19** | | | **March 20** | | | **March 21** | | | |
| **7.G.2** | **7.G.3** | | | **7.G.5** | | | **7.G.5** | | | **Supt. Conf. Day** | | | |
| **Module 6 (7th)**  Geometric drawings   * Focus on Triangles | **Module 6 (7th)**  Slicing 3-Dimensional Figures   * Cross Sections | | | **Module 6 (7th)**  Angle Relationships   * Congruent * Vertical * Complimentary * Supplementary | | | **Module 6 (7th)**  Angle Relationships   * Congruent * Vertical * Complimentary * Supplementary | | | **No Students** | | | |
| (GM7) 243 – 246  (BD7) 128 –133  (G) 551 – 554 | (GM7) 247 – 250  (BD7) 167 – 171  (G) 593 – 597 | | | (GM7) 251 – 258  (BD7) 134 – 138  (G) 535 - 550 | | | (GM7) 251 – 258  (BD7) 134 – 138  (G) 535 - 550 | | |  | | | |
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| **j0078705MARCH 2014** | | | | | | | | | | | | | |
| Monday | Tuesday | | | Wednesday | | | Thursday | | | Friday | | | |
| **March 24** | **March 25** | | | **March 26** | | | **March 27** | | | **March 28** | | | |
| **8.G.9** | **8.G.9** | | | **7.G.6** | | | **7.G.6** | | | **7.G.6** | | | |
| **Module 5 (8th)**  Circumference and Area of Circles    **QUIZ**  **Geometric Drawings and Angle Relationships** | **Module 5 (8th)**  Relationship between Circumference and Area of Circles | | | **Module 6 (7th)**  Area of Composite Figures | | | **Module 6 (7th)**  Area of Composite Figures | | | **Module 6 (7th)**  Volume of Prisms | | | |
| (GM7) 265 – 276  (G) 611 - 630 | (GM7) 265 – 276  (G) 611 - 630 | | | (GM7) 277 –282  (BD7) 146 – 155  (G) 631 - 638 | | | (GM7) 277 –282  (BD7) 146 – 155  (G) 631 - 638 | | | (GM7) 289 – 294  (BD7) 172 – 180  (G) 639 - 652 | | | |
| **QUIZ SOURCE**  **(GM7)259, 260** |  | | |  | | |  | | |  | | | |
| **j0078705MARCH/APRIL 2014** | | | | | | | | | | | | | |
| Monday | Tuesday | | | Wednesday | | | Thursday | | | Friday | | | |
| **March 31** | **April 1** | | | **April 2** | | | **April 3** | | | **April 4** | | | |
| **7.G.6** | **7.G.6** | | | **7.G.6** | | | **7.G.6** | | | **7.G.6** | | | |
| **Module 6 (7th)**  Volume of Prisms | **NYS ELA EXAM**  **Module 6 (7th)**  Sprints  Assessment Review | | | **Module 6 (7th)**  Sprints  Assessment Review | | | **Module 6 (7th)**  Sprints  Assessment Review | | | **Module 6 (7th)**  Surface Area of Prisms | | | |
| (GM7) 289 – 294  (BD7) 172 – 180  (G) 639 – 652 | Assessment Review Source  (GM8) CC15 – CC22 | | | Assessment Review Source  (GM8) CC15 – CC22 | | | Assessment Review Source  (GM8) CC15 – CC22 | | | (GM7) 283 – 288  (BD7) 172 – 180  (G) 639 - 652 | | | |
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| **j0078705APRIL 2014** | | | | | | | | | | | | | |
| Monday | Tuesday | | | Wednesday | | | Thursday | | | Friday | | | |
| **April 7** | **April 8** | | | **April 9** | | | **April 10** | | | **April 11** | | | |
| **7.G.6** | **7.G.6** | | |  | | |  | | |  | | | |
| **Module 6 (7th)**  Surface Area of Prisms | **Module 6 (7th)**  Real World Application | | | **End of Module 6 (7th)**  **Practice and Review** | | | **End of Module 6 (7th)**  **Practice and Review** | | | **End of Module 6 (7th)**  **SPIRALED TEST**  **Geometry**  **End of 3rd Quarter** | | | |
| (GM7) 283 – 288  (BD7) 172 – 180  (G) 639 - 652 | (GM7) 295 – 304  (BD7) 181 – 188  (G) 650, 652 | | |  | | |  | | |  | | | |
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| **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 NYS Math Assessment** | | | **Review for NYS Math Assessment** | | **Review for NYS Math Assessment** | | |
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| **j0078705 APRIL/MAY 2014** | | | | | | | | | | | | | |
| Monday | Tuesday | | | Wednesday | | | Thursday | | | | | Friday | |
| **April 28** | **April 29** | | | **April 30** | | | **May 1** | | | | | **May 2** | |
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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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| **j0078705MAY 2014** | | | | | | | | | | | | |
| Monday | | Tuesday | | | Wednesday | | | Thursday | | Friday | | |
| **May 5** | | **May 6** | | | **May 7** | | | **May 8** | | **May 9** | | |
| **8.G.9** | | **8.G.9** | | |  | | | **8.G.5** | | **8.G.5** | | |
| **Module 5 (8th)**  Volume of Cylinders and Cones | | **Module 5 (8th)**  Volume of Spheres | | | **QUIZ**  **Volume** | | | **Module 2/3 (8th)**  Angle Relationships   * Parallel lines Cut by a Transversal * Alternate Exterior * Alternate Interior * Corresponding * Supplementary   Relationships | | **Module 2/3 (8th)**  Angle Relationships   * Parallel lines Cut by a Transversal * Alternate Exterior * Alternate Interior * Corresponding * Supplementary   Relationships | | |
| (GM8) 399 – 410  (BD8) 163 - 169 | | (GM8) 411 - 416  (BD8) 163 - 169 | | |  | | | (GM8) 347 – 352  (BD8) 191 - 197 | | (GM8) 347 – 352  (BD8) 191 - 197 | | |
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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 12** | **May 13** | **May 14** | **May 15** | **May 16** |
| **8.G.5** | **8.G.5** |  | **8.EE.1** | **8.EE.1** |
| **Module 2/3 (8th)**  Finding Missing Angles of a Triangle   * Algebraically * Exterior Angles | **Module 2/3 (8th)**  Finding Missing Angles of a Triangle   * Algebraically * Exterior Angles | **QUIZ/TEST** | **Module 1 (8th)**  Exponents   * Multiply/Divide numbers with Exponents * Negative Exponents | **Module 1 (8th)**  Exponents   * Zero * Multiply/Divide numbers with Exponents * Raising Powers |
| (GM8) 353 – 360  (BD8) 191 – 197 | (GM8) 353 – 360  (BD8) 191 – 197 |  | (ENG8) 8 – 53  (GM8) 33 -38  (BD8) 32 - 34 | (ENG8) 8 – 53  (GM8) 33 -38  (BD8) 32 - 34 |
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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 19** | **May 20** | **May 21** | **May 22** | **May 23** |
| **8.EE.1** | **8.EE.1** | **8.EE.1** | **8.N.S.2** | **8.N.S.2** |
| **Module 1 (8th)**  Scientific Notation  With Positive and Negative Powers of 10 | **Module 1 (8th)**  Scientific Notation   * Operations with Scientific Notation | **Module 1 (8th)**  Scientific Notation   * Operations with Scientific Notation | **Module 7 (8th)**  Rational/Irrational Numbers   * Approximate Square Roots * Compare/Order Real Numbers | **Module 7 (8th)**  Rational/Irrational Numbers   * Approximate Square Roots * Compare/Order Real Numbers |
| (ENG 8) 98 – 106  (GM8) 39 – 50  (BD8) 35 - 40 | (ENG8) 98 – 113  (GM8) 51 – 64  (BD8) 35 - 40 | (ENG8) 98 – 113  (GM8) 51 – 64  (BD8) 35 - 40 | (GM8) 15 – 28  (BD8) 9 - 32 | (GM8) 15 – 28  (BD8) 9 - 32 |
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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 26** | **May 27** | **May 28** | **May 29** | **May 30** |
| **Memorial Day** |  | **8.G.6** | **8.G.6/7** | **8.G.6/7** |
| **No School** | **End of Module 1 (8th)**  **SPIRALED TEST**  **Real Numbers**  **Scientific Notation** | **Module 2/7 (8th)**  Pythagorean Theorem | **Module 2/7 (8th)**  Pythagorean Theorem:  Real World Application | **Module 2/7 (8th)**  Pythagorean Theorem:  Real World Application |
|  |  | (GM8) 375 – 385  (BD8) 146 – 148 | (GM8) 383 – 394  (BD8) 149 - 153 | (GM8) 383 – 394  (BD8) 149 - 153 |
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| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 2** | **June 3** | **June 4** | **June 5** | **June 6** |
| **8.G.6/7** | **8.G.1/3** | **8.G.1** | **8.G.1** | **8.G.1** |
| **End of**  **Module 2/7 (8th)**  **TEST:**  **Pythagorean Theorem/Angles** | **Module 3 (8th)**  Properties of Transformations | **Module 3 (8th)**  Properties of Reflections | **Module 3 (8th)**  Properties of Rotations | **Module 3 (8th)**  Algebraic Representations of Transformations |
|  | (GM8) 279 – 284  (BD8) 172 – 182 | (GM8) 285 – 290  (BD8) 172 182 | (GM8) 291 – 296  (BD8) 172 – 182 | (GM8) 297 – 302  (BD8) 172 - 182 |
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| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 9** | **June 10** | **June 11** | **June 12** | **June 13** |
| **8.G.2** | **8.G.4** | **8.G.4** |  |  |
| **Module 3 (8th)**  Congruent Figures | **Module 3 (8th)**  Properties of Dilations | **Module 3 (8th)**  Algebraic Representations of Dilations | **End of Module 3 (8th)**  **TEST**  **Transformations** | **END of YEAR REVIEW** |
| (GM8) 303 – 308  (BD8) 183 – 186 | (GM8) 315 – 320 | (GM8) 321 - 326 |  |  |
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| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 16** | **June 17** | **June 18** | **June 19** | **June 20** |
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| **END of YEAR REVIEW** | **END of YEAR REVIEW**  **Last Day of Class** |  |  |  |
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| East Meadow Schools |
| CAP 2012-2013 |
| Grade 7H & 8H Math- Algebra 1 Common Core Realignment  8H Pacing Calendar |
| Common Core Curriculum Map |
| **Eileen Lewner- Coordinator** |
| **Thomas Lyon, Kelly Rogala, Cathy Krueder, Ann Wolin** |

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8H Math

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Abstract & Resources

Grade 7H & 8H Math- Algebra 1 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:

* Module 1: Relationships Between Quantities and Reasoning with Equations and Their Graphs
* Module 2: Descriptive Statistics
* Module 3: Linear and Exponential Functions
* Module 4: Polynomial and Quadratic Expressions, Equations and Functions
* Module 5: A Synthesis of Modeling with Equations and Functions

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

Engage NY Modules

Explorations in Core Math for Common Core- Algebra 1 [CC]

Amsco Integrated Algebra textbook [AM]

Holt Algebra II packet [H]

Go Math 8th grade [GM]

Buckle Down Common Core 8th grade [BD]

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 and the Regents exams in June.

Rationale

Grade 7H & 8H

Grade 7H & 8H Math- Algebra 1 Common Core Realignment- CAP

Summer 2012

The rationale for this CAP is based on the change in the New York State Standards for the 7th grade, 8th grade and Algebra 1. The New York State Core Curriculum adjusted the topics taught in the 7th grade, 8th grade and Algebra 1. 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 and 8th grade Honors. 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** |  |  | **Rosh Hashanah** | **Rosh Hashanah** |
| **No School** | **Superintendent’s Conference Day** | **6th grade**  **(morning)**  **7th and 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** |
|  | **N-Q.2** | **N-Q.1** | **N-Q.1** | **N-Q.3** |
| Distribute calculators  &  Class Overview | **Module 1**  Lesson 1:  Graphs of Piecewise Linear Functions | **Module 1**  Lesson 2:  Graphs of Quadratic Functions | **Module 1**  Lesson 3:  Graphs of Exponential Functions | **Module 1**  Lesson 4:  Analyzing Graphs- Water Usage During a Typical Day at School |
|  | CC: 3 – 1  CC: 3 – 4 | CC: 8 – 1  CC: 8 – 2  CC: 8 – 3 | CC: 9 – 2  CC: 9 – 3  AM: p. 387 – p. 392 | CC: 3 – 1 |

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| **j0078705SEPTEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 16** | **September 17** | **September 18** | **September 19** | **September 20** |
| **A-CED.2** | **A-SSE.2** | **A-SSE.2** | **A-APR.1** | **A-APR.1** |
| **Module 1**  Lesson 5:  Two Graphing Stories | **Module 1**  Lesson 6:  Algebraic Expressions- The Distributive Property | **Module 1**  Lesson 7:  Algebraic Expressions- The Commutative and Associative Properties | **Module 1**  Lesson 8:  Adding and Subtracting Polynomials | **Module 1**  Lesson 9:  Multiplying Polynomials |
| CC: 5 – 1  CC: 5 – 4 | CC: 6 – 5  CC: 6 – 6 | CC: 1 – 1  AM: p. 45 - 54 | CC: 6 – 4  AM: p. 168 – 173 | CC: 6 – 5 |
| **j0078705 SEPTEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 23** | **September 24** | **September 25** | **September 26** | **September 27** |
|  |  |  |  | **A-CED.3** |
| **Review** | **Mid-Module Assessment 1** | **Mid-Module Assessment 1** | **Return and Remediation of Mid-Module Assessment 1** | **Module 1**  Lesson 10:  True and False Equations |
|  |  |  |  | CC: 1 – 3  CC: 1 – 4  AM: p. 338 – 351 |

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| **j0078705SEPTEMBER/OCTOBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **September 30** | **October 1** | **October 2** | **October 3** | **October 4** |
| **A-REI.1** | **A-REI.3** | **A-REI.3** | **A-REI.3** | **A-REI.6** |
| **Module 1**  Lesson 11:  Solution Sets for Equations and Inequalities | **Module 1**  Lesson 12:  Solving Equations | **Module 1**  Lesson 13:  Some Potential Dangers when Solving Equations | **Module 1**  Lesson 14:  Solving Inequalities | **Module 1**  Lesson 15:  Solution Sets of Two or More Equations (or Inequalities) Joined by “And” or “Or” |
| CC: 2 – 1  AM: p. 146 - 160 | CC: 1 – 2 to CC: 1 – 5  AM: p. 122 - 133 | CC: 1 – 2 to CC: 1 – 5  AM: p. 122 - 133 | CC: 2 – 2 to CC: 2 – 5  AM: p. 146 - 160 | CC: 2 – 1  AM: p. 146 - 160 |

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| **j0078705OCTOBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 7** | **October 8** | **October 9** | **October 10** | **October 11** |
| **A-REI.6** | **A-REI.3** | **A-REI.3** | **A-CED.4** | **A-REI.10 & 12** |
| **Module 1**  Lesson 16:  Solving and Graphing Inequalities Joined by “And” or “Or” | **Module 1**  Lesson 17:  Equations Involving Factored Expressions | **Module 1**  Lesson 18:  Equations Involving a Variable Expression in the Denominator | **Module 1**  Lesson 19:  Rearranging Formulas | **Module 1**  Lessons 20-21:  Solution Sets to Equations and Inequalities with Two Variables |
| CC: 2 – 1  AM: p. 146 - 160 | CC: 8 – 6 | AM: p. 540 – 541 | CC: 1 – 6  AM: p. 142 – 146 | CC: 4 – 1  CC: 5 – 5  AM: p. 338 – 346 |

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| **j0078705OCTOBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 14** | **October 15** | **October 16** | **October 17** | **October 18** |
| **Columbus Day** | **A-REI.10 & 12** | **A-REI.5** | **A-REI.5** | **A-REI.10 & 12** |
| **No School** | **Module 1**  Lessons 20-21:  Solution Sets to Equations and Inequalities with Two Variables | **Module 1**  Lessons 22-23:  Solution Sets to Simultaneous Equations | **Module 1**  Lessons 22-23:  Solution Sets to Simultaneous Equations | **Module 1**  Lesson 24:  Applications of Systems of Equations and Inequalities |
|  | CC: 4 – 1  CC: 5 – 5  AM: p. 338 – 346 | CC: 5 – 1 to CC: 5 – 6  AM: p. 352 – 371  AM: p. 378 – 382  AM: p. 402 – 435 | CC: 5 – 1 to CC: 5 – 6  AM: p. 352 – 371  AM: p. 378 – 382  AM: p. 402 – 435 | CC: 5 – 1 to CC: 5 – 6  AM: p. 159 - 160  AM: p. 352 – 371  AM: p. 378 – 382  AM: p. 402 – 435 |

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| **j0078705OCTOBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 21** | **October 22** | **October 23** | **October 24** | **October 25** |
| **A-CED.1** | **A-CED.1** | **A-CED.1** | **A-CED.1** |  |
| **Module 1**  Lesson 25:  Solving Problems in Two Ways- Rates and Algebra | **Module 1**  Lessons 26-27:  Recursive Challenge Problem- The Double and Add 5 Game | **Module 1**  Lessons 26-27:  Recursive Challenge Problem- The Double and Add 5 Game | **Module 1**  Lesson 28:  Federal Income Tax | **Review** |
| AM: p. 556 – 561  AM: p. 565 – 569 | H: 12 – 2  H: 12 – 3 | H: 12 – 2  H: 12 – 3 |  |  |

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| **j0078705OCTOBER/NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **October 28** | **October 29** | **October 30** | **October 31** | **November 1** |
|  |  |  | **S-ID.3** | **S-ID.1** |
| **End-of-Module Assessment 2** | **End-of-Module Assessment 2** | **Return and Remediation of End-of-Module Assessment 2** | **Module 2**  Lesson 1:  Distributions and Their Shapes | **Module 2**  Lesson 2:  Describing the Center of a Distribution |
|  |  |  | CC: 10 – 2  AM: p. 698 – 710 | CC: 10 – 3  AM: p. 680 – 697 |

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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 4** | **November 5** | **November 6** | **November 7** | **November 8** |
| **S-ID.2** | **Election Day** | **S-ID.2** | **S-ID.2** | **S-ID.2** |
| **Module 2**  Lesson 3:  Estimating Centers and Interpreting the Mean as a Balance Point | **Superintendent’s Conference Day** | **Module 2**  Lesson 4:  Summarizing Deviations from the Mean | **Module 2**  Lesson 5:  Measuring Variability for Symmetrical Distributions | **End of 1st Quarter**  **Module 2**  Lesson 6:  Interpreting the Standard Deviation |
| CC: 10 – 3  AM: p. 680 – 697 |  | CC: 10-3  AM: p. 680 – 697 | CC: 10-3 | CC: 10-3 |

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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 11** | **November 12** | **November 13** | **November 14** | **November 15** |
| **Veteran’s Day** | **S-ID.2** | **S-ID.3** |  |  |
| **No School** | **Module 2**  Lesson 7:  Measuring Variability for Skewed Distributions (Interquartile Range) | **Module 2**  Lesson 8:  Comparing Distributions | **Review** | **Mid-Module Assessment 3** |
|  | CC: 10-3  AM: p. 680 – 697 | CC: 10-3  AM: p. 680 – 697 |  |  |

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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 18** | **November 19** | **November 20** | **November 21** | **November 22** |
|  | **S-ID.5** | **S-ID.5** | **S-ID.5** | **S-ID.6** |
| **Return and Remediation of**  **Mid-Module Assessment 3** | **Module 2**  Lesson 9:  Summarizing Bivariate Categorical Data | **ELA Interim Assessment**  **Module 2**  Lesson 10:  Summarizing Bivariate Categorical Data with Relative Frequencies | **Module 2**  Lesson 11:  Conditional Relative Frequencies and Association | **Module 2**  Lessons 12-13:  Relationships Between Two Numerical Variables |
|  | CC: 10-1  AM: p. 710 – 724  GM: 15 – 1  GM: 15 – 2  BD: p. 222 – 226 | CC: 10-1  AM: p. 710 – 724  GM: 15 – 1  GM: 15 – 2  BD: p. 222 – 226 | CC: 10-1  AM: p. 710 – 724  GM: 15 – 1  GM: 15 – 2  BD: p. 222 – 226 | CC: 3 – 5  AM: p. 710 – 724  GM: 14 – 1  GM: 14 – 2  BD: p. 208 - 211 |

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| **j0078705NOVEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **November 25** | **November 26** | **November 27** | **November 28** | **November 29** |
| **S-ID.6** | **S-ID.7** |  | **Thanksgiving** | **Recess** |
| **Module 2**  Lessons 12-13:  Relationships Between Two Numerical Variables | **Module 2**  Lesson 14:  Modeling Relationships with a Line | **Parent-Teacher Conferences** | **No School** | **No School** |
| CC: 3 – 5  AM: p. 710 – 724  GM: 14 – 1  GM: 14 – 2  BD: p. 208 - 211 | CC: 4 – 8 |  |  |  |

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| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 2** | **December 3** | **December 4** | **December 5** | **December 6** |
| **S-ID.7** | **S-ID.7** | **S-ID.6** | **S-ID.6** | **S-ID.8** |
| **Module 2**  Lesson 15:  Interpreting Residuals from a Line | **Module 2**  Lesson 16:  More on Modeling Relationships with a Line | **Math Interim Assessment**  **Module 2**  Lessons 17-18:  Analyzing Residuals | **Module 2**  Lessons 17-18:  Analyzing Residuals | **Module 2**  Lesson 19:  Interpreting Correlation |
| CC: 4 – 8 | CC: 4 – 8 | CC: 4 – 8 | CC: 4 – 8 | CC: 3 – 5  AM: p. 710 – 724  GM: 14 – 1  GM: 14 – 2  BD: p. 208 - 211 |

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| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 9** | **December 10** | **December 11** | **December 12** | **December 13** |
| **S-ID.6** |  |  |  | **F-IF.3** |
| **Module 2**  Lesson 20:  Analyzing Data Collected on Two Variables | **Review** | **End-of-Module Assessment 4** | **Return and Remediation of**  **End-of-Module Assessment 4** | **Module 3**  Lesson 1:  Integer Sequences- Should You Believe in Patterns? |
| CC: 3 – 5  AM: p. 710 – 724  GM: 14 – 1  GM: 14 – 2  BD: p. 208 - 211 |  |  |  | CC: 3 – 6  CC: 9 – 1  H: 12 – 2  H: 12 – 3 |

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| **j0078705DECEMBER 2013** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **December 16** | **December 17** | **December 18** | **December 19** | **December 20** |
| **F-IF.3** | **F-IF.3** | **F-LE.1** | **F-LE.1** | **F-LE.1** |
| **Module 3**  Lesson 2:  Recursive Formulas for Sequences | **Module 3**  Lesson 3:  Arithmetic and Geometric Sequences | **Module 3**  Lesson 4:  Why Do Banks Pay YOU to Provide Their Services? | **Module 3**  Lesson 5:  The Power of Exponential Growth | **Module 3**  Lesson 6:  Exponential Growth- U.S. Population and Word Population |
| CC: 3 – 6  CC: 9 – 1  H: 12 – 2  H: 12 – 3 | CC: 3 – 6  CC: 9 – 1  H: 12 – 2  H: 12 – 3 | CC: 9 – 2  CC: 9 – 3  AM: p. 387 - 392 | CC: 9 – 2  CC: 9 – 3  AM: p. 387 - 392 | CC: 9 – 2  CC: 9 – 3  AM: p. 387 - 392 |

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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 6** | **January 7** | **January 8** | **January 9** | **January 10** |
| **F-LE.1** | **F-LE.1 & F-IF.4** | **F-IF.1 & F-IF.2** | **F-IF.1 & F-IF.2** | **F-IF.1 & F-IF.2** |
| **Module 3**  Lesson 7:  Exponential Decay | **Module 3**  Lesson 8:  Linear and Exponential Models- Comparing Growth Rates | **Module 3**  Lesson 9:  Why Stay With Whole Numbers? | **Module 3**  Lessons 10-11:  Representing, Naming and Evaluating Functions | **Module 3**  Lessons 10-11:  Representing, Naming and Evaluating Functions |
| CC: 9 – 2  CC: 9 – 3  AM: p. 387 - 392 | CC: 9 – 2  CC: 9 – 3  CC: 9 – 4  AM: p. 387 - 392 | CC: 3 – 2 | CC: 3 – 2  AM: p. 338 – 351 | CC: 3 – 2  AM: p. 338 – 351 |

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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 13** | **January 14** | **January 15** | **January 16** | **January 17** |
| **F-IF.4** | **F-IF.4** | **F-IF.4** |  |  |
| **Module 3**  Lesson 12:  A Graph- A Visual Representation of a Numerical Function | **Module 3**  Lessons 13-14:  Interpreting Graphs of Functions | **Module 3**  Lessons 13-14:  Interpreting Graphs of Functions | **Review** | **Mid-Module Assessment 5** |
| CC: 3 – 4 | CC: 3 – 1  CC: 3 – 4 | CC: 3 – 1  CC: 3 – 4 |  |  |

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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 20** | **January 21** | **January 22** | **January 23** | **January 24** |
| **Martin L. King Jr.** |  | **F-IF.4/6/9** | **F-IF.7 & A-REI.11** | **F-BF.3** |
| **No School** | **Return and Remediation of**  **Mid-Module Assessment 5** | **Module 3**  Lesson 15:  Piece-Wise Defined Functions | **Module 3**  Lesson 16:  Graphs Can Solve Equations Too | **Module 3**  Lessons 17-20:  Four Interesting Transformations of Functions |
|  |  | CC: 3 – 4 | CC: 5 – 1 | CC: 4 – 10  CC: 8 – 4  AM: p. 372 – 374  AM: p. 517 – 521  H: 5 – 1 |

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| **j0078705JANUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **January 27** | **January 28** | **January 29** | **January 30** | **January 31** |
| **F-BF.3** | **F-BF.3** | **F-BF.3** | **F-LE.1 & F-IF.4** | **F-LE.1/2/3** |
| **Module 3**  Lessons 17-20:  Four Interesting Transformations of Functions | **Module 3**  Lessons 17-20:  Four Interesting Transformations of Functions | **Module 3**  Lessons 17-20:  Four Interesting Transformations of Functions | **Module 3**  Lesson 21:  Comparing Linear and Exponential Models Again | **End of 2nd Quarter**  **Module 3**  Lessons 22-23:  Modeling the Spread of Infection |
| CC: 4 – 10  CC: 8 – 4  AM: p. 372 – 374  AM: p. 517 – 521  H: 5 – 1 | CC: 4 – 10  CC: 8 – 4  AM: p. 372 – 374  AM: p. 517 – 521  H: 5 – 1 | CC: 4 – 10  CC: 8 – 4  AM: p. 372 – 374  AM: p. 517 – 521  H: 5 – 1 | CC: 9 – 5 | CC: 9 – 2  CC: 9 – 3  CC: 9 – 4  AM: p. 387 - 392 |

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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 3** | **February 4** | **February 5** | **February 6** | **February 7** |
| **F-LE.1/2/3** | **F-IF.7 & A-REI.11** | **F-IF.4/6/9** |  |  |
| **Module 3**  Lessons 22-23:  Modeling the Spread of Infection | **Module 3**  Lesson 24:  Applying Graphs of Functions to Solve Problems | **Module 3**  Lesson 25:  Piece-wise and Step Functions in Context | **Review** | **End-of-Module Assessment 6** |
| CC: 9 – 2  CC: 9 – 3  CC: 9 – 4  AM: p. 387 - 392 | CC: 5 – 1 | CC: 3 – 4 |  |  |

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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 10** | **February 11** | **February 12** | **February 13** | **February 14** |
|  | **A-APR.A.1 & A-SSE.A.2** | **A-APR.A.1 & A-SSE.A.2** | **A-SSE.B.3** | **A-SSE.B.3** |
| **Return and Remediation of**  **End-of-Module Assessment 6** | **Module 4**  Lessons 1-2:  Multiplying and Factoring Polynomial Expressions | **ELA Interim Assessment**  **Module 4**  Lessons 1-2:  Multiplying and Factoring Polynomial Expressions | **Module 4**  Lessons 3-4:  Advanced Factoring Strategies | **Module 4**  Lessons 3-4:  Advanced Factoring Strategies |
|  | CC: 6 – 5  CC: 6 – 6  CC: 7 – 1  CC: 7 – 2  CC: 7 – 3  AM: p. 442 - 461 | CC: 6 – 5  CC: 6 – 6  CC: 7 – 1  CC: 7 – 2  CC: 7 – 3  AM: p. 442 - 461 | CC: 7 – 4  CC: 7 – 5  CC: 7 – 6  AM: p. 463 – 464 | CC: 7 – 4  CC: 7 – 5  CC: 7 – 6  AM: p. 463 – 464 |

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| **j0078705FEBRUARY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 17** | **February 18** | **February 19** | **February 20** | **February 21** |
| **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 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **February 24** | **February 25** | **February 26** | **February 27** | **February 28** |
| **A-APR.B.3** | **A-REI.B.4** | **A-CED.A.1** | **F-IF.C.8** | **F-IF.C.7** |
| **Module 4**  Lesson 5:  The Zero-Product Property | **Module 4**  Lesson 6:  Solving Basic One-Variable Quadratic Equations  \*\*Simplify radicals | **Module 4**  Lesson 7:  Creating and Solving Quadratic Equations in One Variable | **Module 4**  Lesson 8:  Symmetry in Graphs of Quadratic Functions | **Module 4**  Lesson 9:  Graphing Quadratic Functions from Factored Form, f(x) = a(x – n)(x – m)  **Saturday, March 1:**  Algebraic Fractions   * Addition and Subtraction * Multiplication and Division |
| CC: 8 – 6  AM: p. 502 – 508 | CC: 8 - 6  CC: 8 – 7  AM: p. 482 – 487  AM: p. 502 – 508 | CC: 8 - 6  CC: 8 – 7  AM: p. 502 – 508 | CC: 8 – 2  AM: p. 508 – 521 | CC: 8 – 3  AM: p. 522 – 529 |

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| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 3** | **March 4** | **March 5** | **March 6** | **March 7** |
| **F-IF.B.4** |  |  |  | **A-REI.B.4** |
| **Module 4**  Lesson 10:  Interpreting Quadratic Functions from Graphs and Tables | **Review** | **Mid-Module Assessment 7** | **Return and Remediation of**  **Mid-Module Assessment 7** | **Module 4**  Lessons 11-12:  Completing the Square  **Saturday, March 8:**  Scientific Notation   * Four operations with and without a calculator * Real Life Applications |
| CC: 8 – 1  CC: 8 – 2 |  |  |  | CC: 8 – 8  H: 5 – 4 |

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| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 10** | **March 11** | **March 12** | **March 13** | **March 14** |
| **A-REI.B.4** | **A-REI.B.4 & F-IF.C.8** | **A-REI.B.4** | **A-REI.B.4** | **F-IF.C.7** |
| **Module 4**  Lessons 11-12:  Completing the Square | **Module 4**  Lesson 13:  Solving Quadratic Equations by Completing the Square | **Module 4**  Lesson 14:  Deriving the Quadratic Formula | **Module 4**  Lesson 15:  Using the Quadratic Formula | **Module 4**  Lesson 16:  Graphing Quadratic Functions from the Vertex Form, f(x) = a(x – h)2 + k  **Saturday, March 15:**  Transformations   * Properties, Translations, Reflections, Rotations, Dilations, Combining Transformations |
| CC: 8 – 8  H: 5 – 4 | CC: 8 – 8  H: 5 – 4 | CC: 8 – 9  AM: p. 502 – 508 | CC: 8 – 9  AM: p. 502 – 508 | CC: 8 – 2  CC: 8 – 3 |

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| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 17** | **March 18** | **March 19** | **March 20** | **March 21** |
| **F-IF.C.7** | **F-IF.C.9** | **F-IF.C.7** | **F-BF.B.3** |  |
| **Module 4**  Lesson 17:  Graphing Quadratic Functions from the Standard Form, f(x) = x2 + bx + c | **Module 4**  Lesson 18:  Comparing Quadratic Functions | **Module 4**  Lesson 19:  Graphing Cubic, Square Root and Cube Root Functions | **Module 4**  Lesson 20:  Translating Functions | **Superintendent’s Conference Day** |
| CC: 8 – 2  CC: 8 – 3 | CC: 8 – 1  CC: 8 – 4 |  | CC: 8 – 1  CC: 8 – 2  CC: 8 – 4  AM: p. 372 – 374  AM: p. 517 – 521  H: 5 – 1 |  |

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| **j0078705MARCH 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 24** | **March 25** | **March 26** | **March 27** | **March 28** |
| **F-BF.B.3** | **F-BF.B.3** | **A-CED.A.1** | **A-CED.A.1** |  |
| **Module 4**  Lesson 21:  Stretching and Shrinking Functions | **Module 4**  Lesson 22:  Transformations of the Quadratic Parent Function, f(x) = x2 | **Math Interim Assessment**  **Module 4**  Lessons 23-24:  Modeling with Quadratic Functions | **Module 4**  Lessons 23-24:  Modeling with Quadratic Functions | **Review**  **Saturday, March 29:**  Angle Relationships   * Supplementary, Complementary, Vertical, Parallel Lines cut by a Transversal |
| CC: 8 – 1  CC: 8 – 2  CC: 8 – 4  AM: p. 372 – 374  AM: p. 517 – 521  H: 5 – 1 | CC: 8 – 1  CC: 8 – 2  CC: 8 – 4  AM: p. 372 – 374  AM: p. 517 – 521  H: 5 – 1 | CC: 8 – 1  CC: 8 – 2  CC: 8 – 3  CC: 8 – 4 | CC: 8 – 1  CC: 8 – 2  CC: 8 – 3  CC: 8 – 4 |  |
| **j0078705MARCH/APRIL 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **March 31** | **April 1** | **April 2** | **April 3** | **April 4** |
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| **End-of-Module Assessment 8** | **NYS ELA ASSESSMENT**  **Return and Remediation of**  **End-of-Module Assessment 8** | **NYS ELA ASSESSMENT** | **NYS ELA ASSESSMENT** | **Saturday, April 5:**  Geometry   * Pythagorean Theorem * Trigonometry |
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| **j0078705APRIL 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **April 7** | **April 8** | **April 9** | **April 10** | **April 11** |
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|  |  |  |  | **End of 3rd Quarter** |
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| **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** |  |  | **Saturday, April 26:**  Geometry   * Perimeter/Area of an irregular figure * Area of a shaded region * Volume * Surface Area |
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| **j0078705 APRIL/MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **April 28** | **April 29** | **April 30** | **May 1** | **May 2** |
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|  |  | **NYS MATH ASSESSMENT** | **NYS MATH ASSESSMENT** | **NYS MATH ASSESSMENT**  **Saturday, May 3:**  Algebra 1 Common Core Regents Exam Review |
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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 5** | **May 6** | **May 7** | **May 8** | **May 9** |
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|  |  |  |  | **Saturday, May 10:**  Algebra 1 Common Core Regents Exam Review |
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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 12** | **May 13** | **May 14** | **May 15** | **May 16** |
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|  |  |  |  | **Saturday, May 17:**  Algebra 1 Common Core Regents Exam Review |
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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 19** | **May 20** | **May 21** | **May 22** | **May 23** |
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| **j0078705MAY 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **May 26** | **May 27** | **May 28** | **May 29** | **May 30** |
| **Memorial Day** |  |  |  |  |
| **No School** |  |  |  | **Saturday, May 31:**  Algebra 1 Common Core Regents Exam Review |
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| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 2** | **June 3** | **June 4** | **June 5** | **June 6** |
|  |  | **A.N.3** | **A.N.3** | **A.A.6** |
|  | **ALGEBRA 1 COMMON CORE REGENTS EXAM** | Operations with Radicals   * Addition * Subtraction | Operations with Radicals   * Multiplication * Division | Word Problems   * Number problems * Consecutive Integers   **Saturday, June 7:**  Integrated Algebra Regents Exam Review |
|  |  | AM: p. 487 - 490 | AM: p. 491 – 495 | AM: p. 133  AM: p. 138 – 141  AM: p. 560 – 561 |

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| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 9** | **June 10** | **June 11** | **June 12** | **June 13** |
| **A.A.6** | **A.N.5** | **A.S.18** | **A.N.5/8** | **A.N.7/A.S.19** |
| Word Problems   * Money | Word Problems   * Percent Increase/Decrease * Sales Tax/Discount | Probability   * Empirical * Theoretical * Simple Probabilities | Probability   * Probabilities with Two or More Activities * Evaluate Factorials * Permutations * Combinations | Probability   * Counting Principle * Sample Spaces * Tree Diagrams   **Saturday, June 14:**  Integrated Algebra Regents Exam Review |
| AM: p. 138 – 141  AM: p. 560 – 561 | AM: p. 222 – 237 | AM: p. 576 – 595 | AM: p. 617 – 650 | AM: p. 609 – 618 |
| **j0078705JUNE 2014** | | | | |
| Monday | Tuesday | Wednesday | Thursday | Friday |
| **June 17** | **June 17** | **June 18** | **June 19** | **June 20** |
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| **Review** | **Last Day of Classes**  **Review** |  |  |  |
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