

## Instructional Guide

Grade Level Seventh Grade

Subject Math

School System Pickens County

School Year 2011-2012

Time Period (Pacing – when)	State Assessment Correlations	Standards/ Components (Pacing – what)	Resources/ Activities (Pacing – how)  Curricular Alignment	Date of Common Formative Assessment (Pacing – how well)	Mapping Comments (What works what needs adjustment)
1st 9 Weeks  1 Week (Block) 2 Weeks (Period)	ARMT 1, AHSGE Standard I, Objective 1 – Adding or subtracting negative integers may be required.	7.1.a. Demonstrate computational fluency with addition of integers. 7.1.b. Demonstrate computational fluency with subtraction of integers. 7.1.c. Demonstrate computational fluency with multiplication of integers. 7.1.d. Demonstrate computational fluency with division of integers. 7.1.B.1. Formulating algorithms for performing operations on integers 7.1.B.2. Determining which algorithms to use when performing operations on integers	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 3-4a, 3-4, 3-5a, 3-5, 3-6, 3-7, 4-2, 4-4, and 6-5. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 3 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
1st 9 Weeks  1 Week (Block) 2 Weeks (Period)	ARMT 3	<p>7.3.a. Solve problems requiring the use of addition on rational numbers.</p> <p>7.3.b. Solve problems requiring the use of subtraction on rational numbers.</p> <p>7.3.c. Solve problems requiring the use of multiplication on rational numbers.</p> <p>7.3.d. Solve problems requiring the use of division on rational numbers.</p> <p>7.3.B.1. Describing the method used to solve problems involving rational numbers</p> <p>7.3.B.2. Determining the reasonableness of the answer to a problem</p> <p>7.3.B.4.a. Identifying whether a number is rational</p> <p>7.3.B.4.b. Identifying whether a number is irrational</p> <p>7.3.B.5.a. Using inverse properties of rational numbers with respect to addition</p> <p>7.3.B.5.b. Using inverse properties of rational numbers with respect to multiplication</p>	<p>Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 6-1, 6-2, 6-3, 6-4, 6-6, 7-7, 7-8, 8-1, 8-1b, 8-2, 8-3, 8-4, 8-5, 8-6, and 8-6b.</p> <p>Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook</p> <p>Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook</p> <p>Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook</p> <p>V Math Module 4, 5 – <a href="http://www.vmathlive.com">www.vmathlive.com</a></p> <p>SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a></p> <p>Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a></p> <p>Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a></p> <p>Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a></p> <p>Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a></p>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
1st 9 Weeks  2 Days	ARMT 5, AHSGE Standard VI, Objective 1: - Determining an equation or expression when given a verbal description may be required.	7.5.a. Write verbal phrases as algebraic expressions. 7.5.b. Write algebraic expressions as verbal phrases. 7.5.B.1. Identifying a variable as an unknown quality.	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 1-4, 1-5, and 4-1. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 6 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
1st 9 Weeks  1 ½ Weeks (Block) 3 Weeks (Period)	ARMT 6, , AHSGE Standard II, Objective 1: - One set of parentheses may be used. - Coefficients may be simple fractions.	7.6.a. Solve one-step equations. 7.6.b. Solve two-step equations. 7.6.B.1. Solving inequalities with one variable 7.6.B.2. Graphing solution sets of inequalities on a number line 7.6.B.3. Recognizing properties of equality	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 1-5, 4-2a, 4-2, 4-3, 4-4, 4-5, 6-5, 7-3, 7-4, 7-5, 7-7, 7-8, 8-2, 8-3, 8-5, 9-6, and 11-3. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 6 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
1st 9 Weeks  1 Week (Block) 2 Weeks (Period)	ARMT 4, AHSGE Standard III, Objective 1: - The options may be graphs, ordered pairs, tables, or mappings. - The options may be equations when given a table of values or ordered pairs. - The options may be tables of values or ordered pairs when given an equation.	7.4.a. Write an algebraic equation that represents a pattern shown in a table. 7.4.b. Write an algebraic equation that represents a pattern shown in a graph. 7.4.c. Write an algebraic equation that represents a pattern shown in a chart. 7.4.B.1.a. Recognizing the relationship between numerical patterns in tables 7.4.B.1.b. Recognizing the relationship between numerical patterns in their respective graphs on the coordinate plane 7.4.b.2 Determining if a constant rate of change exists in a pattern	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 4-6a, 4-6, 4-7, and 7-2b. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 6 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
1st 9 Weeks  1 Week (Block) 2 Weeks (Period)	ARMT 7	<p>7.7.a. Determine transformations, including translations, used to alter the position of a polygon on the coordinate plane.</p> <p>7.7.B.2. Graphing polygons and their transformations on the Cartesian plane by plotting the vertices</p> <p>7.7.b. Determine transformations, including reflections, used to alter the position of a polygon on the coordinate plane.</p> <p>7.7.B.1.a. Determining if a figure has line symmetry when reflected</p> <p>7.7.B.1.b. Determining if a figure has rotational symmetry when reflected</p> <p>7.7.c. Determine transformations, including rotations, used to alter the position of a polygon on the coordinate plane.</p> <p>7.7.B.1.c. Determining if a figure has line symmetry rotated</p> <p>7.7.B.1.d. Determining if a figure has rotational symmetry when rotated</p> <p>7.7.B.3. Graphing shapes that are similar to other shapes using dilations</p>	<p>Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 3-6, 10-8, 10-8b, 10-9, and 10-9b.</p> <p>Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook</p> <p>Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook</p> <p>Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook</p> <p>V Math Module 7 – <a href="http://www.vmathlive.com">www.vmathlive.com</a></p> <p>SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a></p> <p>Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a></p> <p>Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a></p> <p>Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a></p> <p>Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a></p>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
1st 9 Weeks  1 ½ Weeks (Block) 3 Weeks (Period)	ARMT 8, AHSGE Standard VII, Objective 4: - Determining the dimension of any figure may be required.	7.8.a. Recognize geometric relationships among two-dimensional shapes. 7.8.b. Recognize geometric relationships among three-dimensional figures. 7.8.B.1.a. Drawing geometric shapes and figures when given specified components, including base 7.8.B.1.b. Drawing geometric shapes and figures when given specified components, including height 7.8.B.2. Comparing properties and relationships among congruent shapes and figures 7.8.B.3. Comparing properties and relationships among similar shapes and figures 7.8.B.4. Identifying geometric concepts in real-life settings 7.8.B.5. Using networks to represent and solve problems	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 10-1, 10-3, 10-4, 10-5, 10-6, 10-7, 10-8, 10-9, 11-3, 11-4, 11-5, 11-6, 11-7, 12-1a, 12-1, 12-2, 12-2b, 12-3, 12-4, 12-4b, and 12-5. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 7 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
1st 9 Weeks  1 Week (Block) 2 Weeks (Period)	ARMT 12, AHSGE Standard VII, Objective 5: - The word “mean” will be used for the arithmetic average. - The set of numbers used to assess the range will not be in numerical order.	7.12.a. Determine measures of central tendency and range using a given set of data or graphs, including histograms. 7.12.B.1.a. Using a data set to create charts and graphs, including histograms, to display measures of central tendency 7.12.b. Determine measures of central tendency and range using a given set of data or graphs, including frequency tables. 7.12.B.1.b. Using a data set to create charts and graphs, including frequency tables, to display measures of central tendency 7.12.c. Determine measures of central tendency and range using a given set of data or graphs, including stem-and-leaf plots. 7.12.B.1.c. Using a data set to create charts and graphs, including stem-and-leaf plots, to display measures of central tendency	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 2-1, 2-4, 2-5, 2-7, and 2-8. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 10 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		



<b>Time Period</b> <b>(Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components</b> <b>(Pacing – what)</b>	<b>Resources/ Activities</b> <b>(Pacing – how)</b> <b>Curricular Alignment</b>	<b>Date of Common Formative Assessment</b> <b>(Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
1st 9 Weeks  1 Week (Block) 2 Weeks (Period)	ARMT 13, AHSGE Standard VII, Objective 6: - Both AND OR situations may be included.	7.13. Determine the probability of a compound event. 7.13.B.1.a. Using a list to represent outcomes 7.13.B.1.d. Using a tree diagram to represent outcomes 7.13.B.1.b. Using a chart to represent outcomes 7.13.B.1.c. Using a picture to represent outcomes	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 5-2a, 5-2, 5-7, 9-2, 9-3, 9-4, 9-6a, 9-6, 9-6b, and 9-7. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 10 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period</b> <b>(Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components</b> <b>(Pacing – what)</b>	<b>Resources/ Activities</b> <b>(Pacing – how)</b> <b>Curricular Alignment</b>	<b>Date of Common Formative Assessment</b> <b>(Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
2 <sup>nd</sup> 9 Weeks  ½ Day (Block) {taught w/7.13}	ARMT 13, AHSGE Standard VII, Objective 6: - Both AND and OR situations may be included.	7.13.B.2. Determining the number of possible outcomes using the Fundamental Counting Principle or other techniques	Glencoe Mathematics: Applications and Concepts, Course 2 – Section 9-3. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 10 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
2 <sup>nd</sup> 9 Weeks  2 Days (Block) 1 Day (Period)	ARMT 9, AHSGE Standard IV, Objective 1: - The value of pi will be 3.14.	7.9.a. Solve problems involving circumference of circles. 7.9.B.1. Identifying $\pi$ as an irrational number 7.9.B.2.a. Verifying formulas for determining circumference of circles 7.9.B.3.a. Using the appropriate customary or metric unit for determining the circumference of circles 7.9.B.3.b. Using the appropriate customary or metric unit for determining the diameter of circles 7.9.B.3.c. Using the appropriate customary or metric unit for determining the radius of circles	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 6- 9a, 6-9, 11-2, 11-4, 11-5, and 11-6. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 7 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
2 <sup>nd</sup> 9 Weeks  Taught w/7.9.a	ARMT 9, AHSGE Standard IV, Objective 1: - Determining the area of a circle when given the diameter in the drawing may be required.	7.9.b. Solve problems involving area of circles. 7.9.B.2.b. Verifying formulas for determining area of circles 7.9.B.3.d. Using the appropriate customary or metric unit for determining the area of circles	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 6-9a, 6-9, 11-2, 11-4, 11-5, and 11-6. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 7 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period</b> <b>(Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components</b> <b>(Pacing – what)</b>	<b>Resources/ Activities</b> <b>(Pacing – how)</b> <b>Curricular Alignment</b>	<b>Date of Common Formative Assessment</b> <b>(Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
2 <sup>nd</sup> 9 Weeks  1 day (Block) 2 day (Period)	ARMT 10 AHSGE Standard IV, Objective 1: - Drawings may be used.	7.10.a. Calculate the perimeter of polygons. 7.10.B.1.a. Verifying formulas for determining perimeter	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 6-8, 11-5a, and 11-5. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 7 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
2 <sup>nd</sup> 9 Weeks  1 day (Block) 2 day (Period)	ARMT 10 AHSGE Standard IV, Objective 1: - Drawings may be used.	7.10.b. Calculate the area of triangles. 7.10.B.1.b. Verifying formulas for determining area of triangles 7.10.c. Calculate the area of trapezoids. 7.10.B.1.c. Verifying formulas for determining area of trapezoids	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 6-8, 11-5a, and 11-5. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 8 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period</b> <b>(Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components</b> <b>(Pacing – what)</b>	<b>Resources/ Activities</b> <b>(Pacing – how)</b> <b>Curricular Alignment</b>	<b>Date of Common Formative Assessment</b> <b>(Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
2 <sup>nd</sup> 9 Weeks  1 day (Block) 2 day (Period)	AHSGE Standard VII, Objective 2: - The Pythagorean Theorem will be given on the reference page. - Diagrams will be used. - Word problems will be used. - Drawings will be to scale.	7.10.B.2. Using the Pythagorean Theorem for determining the measure of the side of right triangles	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 11-3a and 11-3. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 7 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
2 <sup>nd</sup> 9 Weeks  2 days (Block) 4 days (Period)		7.11.B.3.a. Comparing units of length by converting from metric to customary 7.11.B.3.b. Comparing units of weight by converting from metric to customary 7.11.B.3.c. Comparing units of capacity by converting from metric to customary 7.11.B.3.d. Comparing units of length by converting from customary to metric 7.11.B.3.e. Comparing units of weight by converting from customary to metric 7.11.B.3.f. Comparing units of capacity by converting from customary to metric	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 7-1, 7-2, 7-3, 7-3b, 7-4, 7-4b, 7-5, 7-7, 8-3, and 9-6. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 8 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		



<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
2 <sup>nd</sup> 9 Weeks  2 days (Block) 4 days (Period)	ARMT 11, AHSGE Standard VII, Objective 3: - Use of the scale factor will be required.	7.11.a. Solve problems involving ratios using proportional reasoning. 7.11.b. Solve problems involving rates using proportional reasoning. 7.11.B.1. Determining the unit rate 7.11.B.2. Comparing rates by converting from one unit to another	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 7- 1, 7-2, 7-3, 7-3b, 7-4, 7-4b, 7-5, 7-7, 8-3, and 9-6. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 9 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		

<b>Time Period (Pacing – when)</b>	<b>State Assessment Correlations</b>	<b>Standards/ Components (Pacing – what)</b>	<b>Resources/ Activities (Pacing – how)  Curricular Alignment</b>	<b>Date of Common Formative Assessment (Pacing – how well)</b>	<b>Mapping Comments (What works what needs adjustment)</b>
2 <sup>nd</sup> 9 Weeks  1 week (Block) 2 weeks (Period)  Remainder of time to review for testing!		7.3.B.3.a. Using percents to solve problems, including problems involving discounts 7.3.B.3.b. Using percents to solve problems, including problems involving taxes 7.3.B.3.c. Using percents to solve problems, including problems involving commissions 7.3.B.3.d. Using percents to solve problems, including problems involving simple interest	Glencoe Mathematics: Applications and Concepts, Course 2 – Sections 6-1, 6-2, 6-3, 6-4, 6-6, 7-7, 7-8, 8-1, 8-1b, 8-2, 8-3, 8-4, 8-5, 8-6, and 8-6b. Glencoe Mathematics: Applications and Concepts, Course 2 Study Guide and Intervention Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Practice Skills Workbook Glencoe Mathematics: Applications and Concepts, Course 2 Word Problems Workbook V Math Module 9 – <a href="http://www.vmathlive.com">www.vmathlive.com</a> SkillsTutor – <a href="http://www.myskillstutor.com">www.myskillstutor.com</a> Ed Helper – <a href="http://www.edhelper.com">www.edhelper.com</a> Gameaquarium – <a href="http://www.gameaquarium.com">www.gameaquarium.com</a> Study Island – <a href="http://www.studyisland.com">www.studyisland.com</a> Glencoe Website – <a href="http://www.glencoe.com">www.glencoe.com</a>		