



MA 6.3	Read thermometer	●						✓	✓	
MA 6.4	Identify standard capacity measurements (cups, pints, quarts, and gallons)	●						✓	✓	
MA 6.5	Identify standard linear measurements (English and metric)	●	●	●				✓	✓	
MA 6.6	Identify units on measuring tools (i.e., rulers, scales, gauges, etc.)		●	●	●			✓	✓	
MA 6.7	Solve problems using conversions of units of weight, length, capacity and time				●	●		✓	✓	
<b>MA 7</b>	<b>Tables, Charts, Graphs, and Maps</b>									
MA 7.1	Identify graphs such as bar, line, and pie		●	●	●			✓	✓	✓
MA 7.2	Solve narrative problems using charts and graphs		●	●	●	●		✓	✓	✓
MA 7.3	Interpret multi line graphs and charts					●		✓	✓	✓
MA 7.4	Compare and analyze tables and graphs					●	●	✓	✓	✓
MA 7.5	Locate pertinent information for a particular purpose			●	●	●	●	✓	✓	✓
MA 7.6	Calculate distance on maps			●	●			✓	✓	✓
MA 7.7	Solve narrative problems using maps			●	●			✓	✓	✓
<b>MA 8</b>	<b>Data Analysis</b>									
MA 8.1	Calculate simple probability				●			✓	✓	✓
MA 8.2	Perform data analysis					●		✓	✓	✓
MA 8.3	Make predictions based on data (i.e., trends, possible outcomes, etc.)						●	✓	✓	✓
MA 8.4	Differentiate between different statistical measures (i.e., mean, median, etc.)						●	✓	✓	✓
<b>MA 9</b>	<b>Geometry</b>									
MA 9.1	Identify geometric shapes	●	●	●	●			✓	✓	✓
MA 9.2	Calculate perimeter, circumference, area, and volume				●			✓	✓	✓
MA 9.3	Represent numbers with symbols in formulas				●	●		✓	✓	✓
MA 9.4	Solve problems involving angles				●	●	●	✓	✓	✓
MA 9.5	Use the Pythagorean Theorem to solve problems, including the distance formula						●	✓	✓	✓
MA 9.6	Model and solve problems using the concepts of similarity, congruence, and translations				●	●	●	✓	✓	✓
MA 9.7	Solving narrative geometric problems						●	✓	✓	✓
MA 9.8	Use the coordinate plane to solve problems				●	●	●	✓	✓	✓
<b>MA 10</b>	<b>Algebra</b>									
MA 10.1	Add, subtract, multiply and divide positive and negative numbers, including absolute values				●	●		✓	✓	✓
MA 10.2	Add and subtract polynomials				●	●		✓	✓	✓
MA 10.3	Multiply and divide polynomials				●	●	●	✓	✓	✓
MA 10.4	Calculate simple square roots and powers			●	●			✓	✓	✓
MA 10.5	Solve algebraic equations				●	●	●	✓	✓	✓
MA 10.6	Identifies and uses functional notation						●	✓	✓	✓
MA 10.7	Use algebraic models to solve mathematical problems						●	✓	✓	✓
MA 10.8	Simplify rational expressions; solve rational equations						●	✓	✓	✓
MA 10.9	Solve inequalities						●	✓	✓	✓
MA 10.10	Graph and manipulate linear equations (i.e., slope, y-intercept, parallel, perpendicular, etc.)						●	✓	✓	✓
MA 10.11	Solve systems of equations						●	✓	✓	✓
MA 10.12	Calculate complex square roots and powers						●	✓	✓	✓
MA 10.13	Solve quadratic equations						●	✓	✓	✓
MA 10.14	Translate word phrases into algebraic expressions or word sentences into equations				●	●	●	✓	✓	✓
<b>MA 11</b>	<b>Technology</b>									
MA 11.1	Use calculators when appropriate (i.e., basic calculator, fraction calculator, graphing calculator, etc.)	●	●	●	●	●	●	✓	✓	✓
MA 11.2	Use computers when appropriate (i.e., software, word processor, spreadsheets, etc.)	●	●	●	●	●	●	✓	✓	✓
MA 11.3	Use the Internet when appropriate (i.e., tutorials, searches, data collection, etc.)	●	●	●	●	●	●	✓	✓	✓