



Algebra 1

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STANDARDS	PAGE REFERENCES
<p>Strand: Number and Operations</p>	
<p>Standard 1: Number Sense Students shall understand numbers, ways of representing numbers, relationships among numbers and number systems</p>	
<p>Rational Numbers</p>	
<p>NO.1.8.1 Read, write, compare and solve problems, with and without appropriate <i>technology</i>, including numbers less than 1 in <i>scientific notation</i></p>	<p>Student Edition: 75-77, 79-82, 84-87, 103-109, 155-159, 160-164, 425-430 Teacher Wraparound Edition: ICE 75, 80, 85, 104-106, 156-157, 161, 426-427</p>
<p>NO.1.8.2 Convert between <i>scientific notation</i> and standard <i>notation</i>, including numbers from zero to one</p>	<p>Student Edition: 425-430, 436 #61-#64, 443 #51-#54, 469 #12-#19, 471 #17 <i>Extra Practice</i> 837 <i>Study Guide and Review</i> 466 #29-#37 Teacher Wraparound Edition: DI 426; ICE 426-427; OEA 430; W 425</p>

STANDARDS	PAGE REFERENCES
<p>NO.1.8.3</p> <p>Compare and order <i>real numbers</i> including <i>irrational numbers</i> and find their approximate location on a number line (Use <i>technology</i> when appropriate)</p>	<p>Student Edition: 68-72, 73-78, 104-109, 115 #28-#30, 116 #9 <i>Extra Practice</i> 823, 825 <i>Study Guide and Review</i> 114 #67-#69</p> <p>Teacher Wraparound Edition: ICE 69, 105-106; OEA 72; TNT 106</p>
<p>NO.1.8.4</p> <p>Understand and justify classifications of numbers in the <i>real number</i> system</p>	<p>Student Edition: 68-72, 104-109 <i>Extra Practice</i> 823, 825 <i>Study Guide and Review</i> 110 #11, 114 #64-#66</p> <p>Teacher Wraparound Edition: ICE 69, 104</p>
<p>Standard 2: Properties of Number Operations</p> <p>Students shall understand meanings of operations and how they relate to one another</p>	
<p>Number Theory</p>	
<p>NO.2.8.1</p> <p>Apply the addition, subtraction, multiplication and division properties of equality to two-step <i>equations</i></p>	<p>Student Edition: 142-148, 149-154, 155-159 <i>Algebra Activity</i> 141 <i>Extra Practice</i> 826, 827 <i>Study Guide and Review</i> 181 #27-#32, 182 #33-#44</p> <p>Teacher Wraparound Edition: DI 144; ICE 143-144, 150, 156-157; OEA 148, 154</p>
<p>NO.2.8.2</p> <p>Understand and apply the <i>inverse</i> and <i>identity</i> properties</p>	<p>Student Edition: 21-25, 31 #58-#63, 33-36 <i>Extra Practice</i> 821 <i>Study Guide and Review</i> 59 #48-#53</p> <p>Teacher Wraparound Edition: ICE 22; OEA 25</p>

STANDARDS	PAGE REFERENCES
<p>NO.2.8.3</p> <p>Use <i>inverse</i> relationships (addition and subtraction, multiplication and division, squaring and <i>square roots</i>) in problem solving situations</p>	<p>Student Edition:</p> <p>131-133, 135-140, 142-147, 149-153, 171-177, 340-344, 598-603, 605-610</p> <p>Teacher Wraparound Edition:</p> <p>ICE 131, 137, 143, 172-173, 340, 598, 606-607</p>
<p>NO.2.8.4</p> <p>Apply rules (conventions) for <i>order of operations</i> to <i>rational numbers</i></p>	<p>Student Edition:</p> <p>11-15, 16-20, 23-25, 63 #6-#15, 140 #67-#70</p> <p><i>Getting Started</i> 119 #7-#14, 194 #15-#20</p> <p><i>Extra Practice</i> 820</p> <p><i>Study Guide and Review</i> 58 #21-#35, 59 #36-#53</p> <p>Teacher Wraparound Edition:</p> <p>DI 15; ICE 12, 17, 22; OEA 15</p>
<p>Understand Operations</p>	
<p>NO.2.8.5</p> <p>Model and develop addition, subtraction, multiplication and division of <i>rational numbers</i></p> <p>Ex. $-8\frac{1}{2} + 2\frac{3}{4}$</p>	<p>Student Edition:</p> <p>73-78, 79-83, 84-87</p> <p><i>Algebra Activity</i> 28</p> <p><i>Extra Practice</i> 823, 824</p> <p><i>Getting Started</i> 67 #1-#8</p> <p><i>Study Guide and Review</i> 111, 112 #37-#48</p> <p>Teacher Wraparound Edition:</p> <p>H 79; ICE 74-75, 80, 85; OEA 78, 86</p>
<p>Standard 3: Numerical Operations and Estimation</p>	
<p>Students shall compute fluently and make reasonable estimates</p>	
<p>Computational Fluency</p>	
<p>NO.3.8.1</p> <p>Compute, with and without appropriate <i>technology</i>, with <i>rational numbers</i> in multi-step problems</p>	<p>Student Edition:</p> <p>11-15, 27-31, 32-36, 70-72, 605-610, 611-615</p> <p><i>Prerequisite Skills</i> 818-819</p> <p><i>Study Guide and Review</i> 58-60</p> <p>Teacher Wraparound Edition:</p> <p>ICE 12, 27, 33, 70, 606-607, 612</p>

STANDARDS	PAGE REFERENCES
<p>NO.3.8.2</p> <p>Solve, with and without appropriate <i>technology</i>, multi-step problems using a variety of methods and tools (i.e. objects, mental computation, paper and pencil)</p>	<p>Student Edition:</p> <p>16-20, 142-148, 149-154, 155-159, 160-164, 171-177</p> <p><i>Algebra Activity</i> 141</p> <p><i>Study Guide and Review</i> 59 #36-#47</p> <p>Teacher Wraparound Edition:</p> <p>ICE 17, 143-144, 150-151, 156-157, 161, 172-173</p>
Estimation	
<p>NO.3.8.3</p> <p>Use <i>estimation</i> to solve problems involving <i>rational numbers</i>; including <i>ratio, proportion, percent</i> (increase or decrease) then judge the reasonableness of solutions</p>	<p>Student Edition:</p> <p>17-19, 50-55, 121-126, 142, 155-159, 266-267, 282, 535</p> <p>Teacher Wraparound Edition:</p> <p>DI 535; H 142; ICE 17, 51-52, 121, 266; TNT 106</p>
Application of Computation	
<p>NO.3.8.4</p> <p>Apply factorization to find <i>LCM</i> and <i>GCF</i> of <i>algebraic expressions</i></p> <p>Ex. $4x^2 y^3$</p> <p>$6xy^2$</p> <p>$GCF=2xy^2$</p> <p>$LCM=12x^2y^3$</p>	<p>Student Edition:</p> <p>474-479, 544 #62-#63, 649-651, 678-683</p> <p><i>Extra Practice</i> 839, 848</p> <p><i>Getting Ready for the Next Lesson</i> 677 #63-#71</p> <p><i>Getting Started</i> 641 #9-#14</p> <p><i>Prerequisite Skills</i> 798-799</p> <p><i>Study Guide and Review</i> 515, 699</p> <p>Teacher Wraparound Edition:</p> <p>ICE 476, 649, 679-680</p>
<p>NO.3.8.5</p> <p>Calculate and find approximations of <i>square roots</i> with appropriate <i>technology</i></p>	<p>Student Edition:</p> <p>103-109, 115 #25-#30, 116 #9, 126 #56-#59, 196 #56-#59, 539-544, 546-552, 605-610, 611-615</p> <p><i>Getting Started</i> 473 #13-#16, 585 #1-#4</p> <p><i>Study Guide and Review</i> 114 #60-#70</p> <p>Teacher Wraparound Edition:</p> <p>ICE 104-105, 540; TNT 106</p>

STANDARDS	PAGE REFERENCES
<p>NO.3.8.6</p> <p>Solve, with and without <i>technology</i>, real world <i>percent</i> problems including <i>percent</i> of increase or decrease</p>	<p>Student Edition:</p> <p>160-164, 177 #42-#44, 357 #54-#56</p> <p><i>Extra Practice</i> 827</p> <p><i>Reading Mathematics</i> 165</p> <p><i>Study Guide and Review</i> 183</p> <p>Teacher Wraparound Edition:</p> <p>DI 161; ICE 161</p>
<p>Strand: Algebra</p>	
<p>Standard 4: Patterns, Relations and Functions</p>	
<p>Students shall recognize, describe, and develop patterns, relations and functions</p>	
<p>Patterns, Relations and Functions</p>	
<p>A.4.8.1</p> <p>Find the n^{th} term in a <i>pattern</i> or a <i>function</i> table</p>	<p>Student Edition:</p> <p>233-238, 567-572</p> <p><i>Extra Practice</i> 830, 843</p> <p><i>Spreadsheet Investigation</i> 232</p> <p><i>Study Guide and Review</i> 578 #42-#44</p> <p>Teacher Wraparound Edition:</p> <p>ICE 234-235, 569</p>
<p>A.4.8.2</p> <p>Using real world situations, describe <i>patterns</i> in words, tables, pictures, and symbolic representations</p>	<p>Student Edition:</p> <p>233-238, 240-245, 567-572</p> <p><i>Algebra Activity</i> 573</p> <p>Teacher Wraparound Edition:</p> <p>DI 235; H 233, 240, 567; ICE 242, 568</p>
<p>A.4.8.3</p> <p>Interpret and represent a two <i>operation function</i> as an <i>algebraic equation</i></p> <p>Ex. $y = 2x + 1$</p>	<p>Student Edition:</p> <p>235-237, 240-245, 272-277, 280-285</p> <p><i>Study Guide and Review</i> 250 #52-#53, 310</p> <p>Teacher Wraparound Edition:</p> <p>ICE 235, 242, 273-274, 281-282</p>

STANDARDS	PAGE REFERENCES
<p>A.4.8.4</p> <p>Use tables, graphs, and <i>equations</i> to identify <i>independent/dependent variables (input/output)</i></p>	<p>Student Edition:</p> <p>43-48, 213-217</p> <p><i>Algebra Activity</i> 271</p> <p>Teacher Wraparound Edition:</p> <p>ICE 44</p>
<p>Standard 5: Algebraic Representations</p> <p>Students shall represent and analyze mathematical situations and structures using algebraic symbols</p> <p>Expressions, Equations and Inequalities</p>	
<p>A.5.8.1</p> <p>Solve and graph two-step <i>equations</i> and <i>inequalities</i> with one <i>variable</i> and verify the reasonableness of the result with real world application with and without <i>technology</i></p>	<p>Student Edition:</p> <p>128-134, 135-140, 142-148, 155-159, 318-323, 325-331, 332-337</p> <p><i>Algebra Activity</i> 141, 324</p> <p><i>Study Guide and Review</i> 361 #36-#41</p> <p>Teacher Wraparound Edition:</p> <p>ICE 129-130, 136-137, 319-320, 326-328, 333-334</p>
<p>A.5.8.2</p> <p>Solve and graph <i>linear equations</i> (in the form $y=mx+b$)</p>	<p>Student Edition:</p> <p>212-217, 218-223, 272-277, 323 #66-#68, 351 #74-#79</p> <p><i>Getting Started</i> 367</p> <p><i>Graphing Calculator Investigation</i> 278-279</p> <p><i>Study Guide and Review</i> 248-249, 310 #31-#36</p> <p>Teacher Wraparound Edition:</p> <p>ICE 213, 219-220, 273-274</p>
<p>A.5.8.3</p> <p>Translate sentences into <i>algebraic equations</i> and <i>inequalities</i> and combine like terms within <i>polynomials</i></p>	<p>Student Edition:</p> <p>13-14, 17-20, 34-35, 120-126, 320-323, 333-337, 340-344</p> <p><i>Reading Mathematics</i> 10</p> <p><i>Study Guide and Review</i> 60 #72-#75</p> <p>Teacher Wraparound Edition:</p> <p>ICE 12, 17, 34, 121-122, 320, 333</p>

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<p>A.5.8.4</p> <p>Write and evaluate <i>algebraic expressions</i> using <i>rational numbers</i></p>	<p>Student Edition:</p> <p>11-15, 23, 25 #50-#56</p> <p><i>Extra Practice</i> 820, 821</p> <p><i>Getting Started</i> 119</p> <p><i>Study Guide and Review</i> 58-59</p> <p>Teacher Wraparound Edition:</p> <p>DI 15; ICE 12, 22; OEA 15</p>
<p>Standard 6: Algebraic Models</p> <p>Students shall develop and apply mathematical models to represent and understand quantitative relationships</p>	
<p>Algebraic Models and Relationships</p>	
<p>A.6.8.1</p> <p>Describe, with and without appropriate <i>technology</i>, the relationship between the graph of a line and its equation, including being able to explain the meaning of slope as a constant rate of change (rise/run) and <i>y-intercept</i> in real world problems</p>	<p>Student Edition:</p> <p>218-223, 256-262, 272-277, 280-285, 292-297, 298-305</p> <p><i>Graphing Calculator Investigation</i> 224-225, 278-279</p> <p>Teacher Wraparound Edition:</p> <p>ICE 220, 273-274, 300</p>
<p>A.6.8.2</p> <p>Represent, with and without appropriate <i>technology</i>, <i>linear</i> relationships concretely, using tables, graphs and <i>equations</i>.</p>	<p>Student Edition:</p> <p>240-245, 262 #63, #64, #69, 272-277, 280-285, 286-291, 292-297</p> <p><i>Graphing Calculator Investigation</i> 278-279</p> <p><i>Study Guide and Review</i> 250 #52-#53</p> <p>Teacher Wraparound Edition:</p> <p>ICE 242, 273-274, 281-282, 287-288, 293-294; OEA 291; W 240</p>
<p>A.6.8.3</p> <p>Differentiate between <i>independent/dependent variables</i> given a <i>linear relationship</i> in context</p>	<p>Student Edition:</p> <p>43-48, 213-217</p> <p><i>Algebra Activity</i> 271</p> <p>Teacher Wraparound Edition:</p> <p>ICE 44</p>

STANDARDS	PAGE REFERENCES
<p>A.6.8.4</p> <p>Represent, with and without appropriate <i>technology</i>, simple exponential and/or quadratic <i>functions</i> using verbal descriptions, tables, graphs and formulas and translate among these representations</p>	<p>Student Edition:</p> <p>524-530, 533-538, 554-560, 561-565</p> <p><i>Graphing Calculator Investigation</i> 531-532, 545</p> <p>Teacher Wraparound Edition:</p> <p>DI 535, 557, 562; H 561; ICE 525-527, 534-535, 555-557, 562-563</p>
<p>Standard 7: Analysis of Change</p> <p>Students shall analyze change in various contexts</p> <p>Analyze Change</p>	
<p>A.7.8.1</p> <p>Use, with and without <i>technology</i>, graphs of real life situations to describe the relationships and analyze change including graphs of change (cost per minute) and graphs of accumulation (total cost)</p>	<p>Student Edition:</p> <p>43-48, 50-55, 206-210, 218-223</p> <p><i>Algebra Activity</i> 49</p> <p><i>Spreadsheet Investigation</i> 56</p> <p><i>Study Guide and Review</i> 61-62</p> <p>Teacher Wraparound Edition:</p> <p>ICE 44-45, 52, 207, 220; OEA 48</p>
<p>Strand: Geometry</p> <p>Standard 8: Geometric Properties</p> <p>Students shall analyze characteristics and properties of 2 and 3 dimensional geometric shapes and develop mathematical arguments about geometric relationships</p> <p>Characteristics of Geometric Shapes</p>	
<p>G.8.8.1</p> <p>Form generalizations and validate conclusions about properties of geometric shapes</p>	<p>Student Edition:</p> <p>197-203, 292-297, 457 #63-#64, 605-610, 611-615, 616-621</p> <p>Algebra Activity 122</p> <p>Reading Mathematics 338</p> <p>Study Guide and Review 311-312, 634-636</p> <p>Teacher Wraparound Edition:</p> <p>ICE 198-200, 293-294, 606-607, 617-618</p>

STANDARDS	PAGE REFERENCES
<p>G.8.8.2</p> <p>Make, with and without appropriate <i>technology</i>, and test <i>conjectures</i> about characteristics and properties between <i>two-dimensional</i> figures and <i>three-dimensional</i> objects</p> <p>Ex. circle vs. cylinder, square vs. <i>cube</i></p>	<p>Student Edition:</p> <p><i>Algebra Activity</i> 122, 416</p> <p><i>Prerequisite Skills</i> 810-811, 812, 813-814, 815-816, 817</p>
<p>G.8.8.3</p> <p>Determine appropriate application of geometric ideas and relationships, such as <i>congruence</i>, similarity, and the <i>Pythagorean theorem</i>, with and without appropriate <i>technology</i></p>	<p>Student Edition:</p> <p>605-610, 611-615, 616-621, 623-630</p> <p><i>Study Guide and Review</i> 634-636</p> <p>Teacher Wraparound Edition:</p> <p>DI 618; ICE 606-607, 612, 617-618, 624-626</p>
<p>Standard 9: Transformation of Shapes</p> <p>Students shall apply transformations and the use of symmetry to analyze mathematical situations</p> <p>Symmetry and Transformations</p>	
<p>G.9.8.1</p> <p>Determine a <i>transformation's line of symmetry</i> and compare the properties of the figure and its <i>transformation</i></p>	<p>Student Edition:</p> <p>Transformations are performed on: 197-203, 217 #59-#60</p> <p><i>Study Guide and Review</i> 247 #17-#20</p> <p>Teacher Wraparound Edition:</p> <p>ICE 198-200; OEA 203</p>
<p>G.9.8.2</p> <p>Draw the results of <i>translations</i> and <i>reflections</i> about the x- and y-axis and <i>rotations</i> of objects about the origin</p>	<p>Student Edition:</p> <p>198-203, 217 #59-#60</p> <p><i>Study Guide and Review</i> 247 #17, #20</p> <p>Teacher Wraparound Edition:</p> <p>ICE 198-200; OEA 203</p>

STANDARDS		PAGE REFERENCES
<p>Standard 10: Coordinate Geometry</p> <p>Students shall specify locations and describe spatial relationships using coordinate geometry and other representational systems</p> <p>Coordinate Geometry</p>		
<p>G.10.8.1</p> <p>Use coordinate geometry to explore the links between geometric and algebraic representations of problems (lengths of segments/distance between points, <i>slope/perpendicular-parallel lines</i>)</p>	<p>Student Edition:</p> <p>256-262, 264-270, 272-277, 292-297, 611-615</p> <p><i>Study Guide and Review</i> 308, 311-312, 635</p> <p>Teacher Wraparound Edition:</p> <p>DI 294, 613; ICE 257-258, 293-294, 612; OEA 262</p>	
<p>Standard 11: Visualization and Geometric Models</p> <p>Students shall use visualization, spatial reasoning and geometric modeling</p> <p>Spatial Visualization and Models</p>		
<p>G.11.8.1</p> <p>Using isometric dot paper interpret and draw different views of buildings</p>	<p>See Glencoe's <i>Pre-Algebra</i> © 2005</p> <p>Student Edition:</p> <p>554-555, 558-561</p>	
<p>Strand: Measurement</p>		
<p>Standard 12: Physical Attributes</p> <p>Students shall use attributes and tools of measurement to describe and compare mathematical and real-world objects</p> <p>Attributes and Tools</p>		
<p>M.12.8.1</p> <p>Understand, select and use, with and without appropriate <i>technology</i>, the appropriate units and tools to measure angles, <i>perimeter</i>, <i>area</i>, <i>surface area</i> and <i>volume</i> to solve real world problems</p>	<p>Student Edition:</p> <p>147 #49, #54, 512 #23-#24, 513 #41-#42, 623-630, 647 #43-#45</p> <p><i>Getting Started</i> 5 #9-#12</p> <p><i>Mixed Problem Solving</i> 855 #1-#4, 860 #1-#4</p> <p><i>Prerequisite Skills</i> 813-814, 815-816, 817</p> <p>Teacher Wraparound Edition:</p> <p>ICE 625-626</p>	
<p>M.12.8.2</p> <p>Describe and apply equivalent measures using a variety of units within the same system of measurement</p>	<p>See Glencoe's <i>Pre-Algebra</i> © 2005</p> <p>Student Edition:</p> <p>718-719, 720-721</p>	

STANDARDS	PAGE REFERENCES
<p>Standard 13: Systems of Measurement</p>	
<p>Students shall identify and use units, systems and processes of measurement</p>	
<p>Attributes and Tools</p>	
<p>M.13.8.1</p> <p>Draw and apply measurement skills with <i>fluency</i> to appropriate levels of precision</p>	<p>Student Edition:</p> <p><i>Algebra Activity</i> 271, 299, 622</p> <p>Measurements are calculated on: 605-610, 611-615, 616-621, 623-630</p> <p>Teacher Wraparound Edition:</p> <p>ICE 606, 612, 617-618, 625</p>
<p>Applications</p>	
<p>M.13.8.2</p> <p>Solve problems involving <i>volume</i> and <i>surface area</i> of <i>pyramids</i>, <i>cones</i> and composite figures, with and without appropriate <i>technology</i></p>	<p>Student Edition:</p> <p>9 #44, 124 #24</p> <p><i>Algebra Activity</i> 122, 416</p> <p><i>Mixed Problem Solving</i> 853 #1-#2, 855 #1-#4</p>
<p>M.13.8.3</p> <p>Apply proportional reasoning to solve problems involving indirect measurements, scale drawings or rates</p>	<p>Student Edition:</p> <p>155-159, 616-621</p> <p><i>Reading Mathematics</i> 165</p> <p><i>Study Guide and Review</i> 635-636</p> <p>Teacher Wraparound Edition:</p> <p>DI 618; ICE 157, 617-618</p>
<p>M.13.8.4</p> <p>Find the distance between two points on a <i>coordinate plane</i> using with the <i>Pythagorean theorem</i></p>	<p>Student Edition:</p> <p>611-615</p> <p><i>Study Guide and Review</i> 635</p> <p>Teacher Wraparound Edition:</p> <p>ICE 612</p>
<p>M.13.8.5</p> <p>Estimate and compute the <i>area</i> of irregular <i>two-dimensional</i> shapes</p>	<p>Student Edition:</p> <p>420 Example #5, 447 #37-#38, 456 #53, 462 #46-#47, 485 #44-#45</p>

STANDARDS	PAGE REFERENCES
Strand: Data Analysis and Probability	
Standard 14: Data Representation	
Students shall formulate questions that can be addressed with data and collect, organize and display	
Collect, organize and display data	
<p>DAP.14.8.1</p> <p>Design and conduct investigations which include</p> <ul style="list-style-type: none"> • adequate number of trials • unbiased sampling • accurate measurement • record-keeping 	<p>Student Edition: <i>Algebra Activity</i> 271, 299, 347, 622, 783</p> <p>Teacher Wraparound Edition: TT 99</p>
<p>DAP.14.8.2</p> <p>Explain which types of display are appropriate for various data sets (<i>scatter plot</i> for relationship between two variants and <i>line of best fit</i>)</p>	<p>Student Edition: 50-55, 88-94, 298-305 <i>Algebra Activity</i> 743-744</p> <p>Teacher Wraparound Edition: ICE 51; OEA 55, 305</p>
<p>DAP.14.8.3</p> <p>Interpret or solve real world problems using data from charts, <i>line plots</i>, <i>stem-and leaf plots</i>, <i>double-bar graphs</i>, <i>line graphs</i>, <i>box-and whisker plots</i>, <i>scatter plots</i>, <i>frequency tables</i> or <i>double line graphs</i></p>	<p>Student Edition: 50-55, 88-94, 298-305, 722-728, 737-742, 758 #27-#30 <i>Algebra Activity</i> 49 <i>Reading Mathematics</i> 95 <i>Study Guide and Review</i> 62</p> <p>Teacher Wraparound Edition: ICE 51-52, 89-91, 299-301, 723-724, 738-739</p>
Standard 15: Data Analysis	
Students shall select and use appropriate statistical methods to analyze data	
Data Analysis	
<p>DAP.15.8.1</p> <p>Compare and contrast the reliability of data sets with different size populations</p> <p>Ex. 40/80 vs. 40/800</p>	<p>Student Edition: Data is compared on: 723-726</p> <p>Teacher Wraparound Edition: ICE 723</p>

STANDARDS	PAGE REFERENCES
<p>DAP.15.8.2</p> <p>Analyze, with and without appropriate <i>technology</i>, graphs by comparing measures of <i>central tendencies</i> and <i>measures of spread</i></p>	<p>Student Edition: 88-94, 731-736</p> <p><i>Prerequisite Skills</i> 818-819</p> <p><i>Study Guide and Review</i> 113</p> <p>Teacher Wraparound Edition: ICE 90-91, 732-733</p>
<p>DAP.15.8.3</p> <p>Given at least one of the measures of <i>central tendency</i> create a data set</p>	<p>Student Edition: 91 #3, 93 #38</p>
<p>DAP.15.8.4</p> <p>Describe how the inclusion of <i>outliers</i> affects those measures</p>	<p>Student Edition: Outliers are defined and found on: 733-736, 737-742</p> <p><i>Study Guide and Review</i> 747-748</p> <p>Teacher Wraparound Edition: ICE 733</p>
<p>Standard 16: Inferences and Predictions</p> <p>Students shall develop and evaluate inferences and predictions that are based on data</p> <p>Inferences and Predictions</p>	
<p>DAP.16.8.1</p> <p>Use observations about differences between sets of data to make <i>conjectures</i> about the populations from which the data was taken</p>	<p>Student Edition: Sets of data are compared on: 723-726</p> <p><i>Algebra Activity</i> 743-744</p> <p>Teacher Wraparound Edition: ICE 723</p>
<p>Standard 17: Probability</p> <p>Students shall understand and apply basic concepts of probability</p> <p>Probability</p>	
<p>DAP.17.8.1</p> <p>Compute, with and without appropriate <i>technology</i>, probabilities of compound events, using organized lists, <i>tree diagrams</i> and <i>logic grid</i></p>	<p>Student Edition: 754-758, 760-767, 769-776</p> <p><i>Extra Practice</i> 851</p> <p><i>Study Guide and Review</i> 798-791</p> <p>Teacher Wraparound Edition: H 754; ICE 755-756, 761-763, 770-772; OEA 758</p>

STANDARDS	PAGE REFERENCES
<p>DAP.17.8.2</p> <p>Make predictions based on <i>theoretical probabilities</i>, design and conduct an experiment to test the predictions, compare actual results to predict results, and explain differences</p> <p>Ex. suggested materials for simulations are: polyhedra die, random number table, and <i>technology</i></p>	<p>Student Edition:</p> <p>782-787</p> <p><i>Algebra Activity</i> 102, 783</p> <p><i>Extra Practice</i> 852</p> <p><i>Study Guide and Review</i> 792</p> <p>Teacher Wraparound Edition:</p> <p>DI 784; ICE 784; OEA 788; TT 785</p>