

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
<b>Test Taking Strategies</b>	1	Strategies 1, 2, and 3	Mathematical Reasoning 1.0	<b>1</b>
	2	Strategies 1, 2, 3, and 7	Mathematical Reasoning 1.0	<b>2</b>
	3	Strategies 1, 2, 3, 6, and 7	Mathematical Reasoning 1.0	<b>3</b>
	4	Strategies 1, 2, 3, 5, 6, and 7	Mathematical Reasoning 1.0	<b>4</b>
	5	Strategies 1-7	Mathematical Reasoning 1.0	<b>5</b>
	6	Strategies 1-8	Mathematical Reasoning 1.0	<b>6</b>
	7	Strategies 1-9	Mathematical Reasoning 1.0	<b>7</b>
	8	Strategies 1-9	Mathematical Reasoning 1.0	<b>8</b>
	9	Strategies 1-11	Mathematical Reasoning 1.0	<b>9</b>
	10	Strategies 1-11	Mathematical Reasoning 1.0	<b>10</b>
<b>Problem Solving</b>	1	Solving Word Problems	Mathematical Reasoning 1.1 Number Sense 2.3	<b>11</b>
	2	Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 2.3	<b>12</b>
	3	Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 2.3	<b>13</b>
	A1	Assessment – Solving Word Problems	Mathematical Reasoning 1.1, 1.3 Number Sense 2.3	<b>1</b>
	F1	Assessment Follow-Up	Mathematical Reasoning 1.1, 1.3 Number Sense 2.3	
	4	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2	<b>14</b>
	5	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2	<b>15</b>

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
	6	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2	<b>16</b>
	A2	Assessment – Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2	<b>2</b>
	F2	Assessment Follow-Up	Mathematical Reasoning 1.1, 1.3, 2.2	
	7	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2	<b>17</b>
	8	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2	<b>18</b>
	9	Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2	<b>19</b>
	A3	Assessment – Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2	<b>3</b>
	F3	Assessment Follow-Up	Mathematical Reasoning 1.1, 1.3, 2.2	
<b>Computation</b>	1	Adding Integers	Number Sense 2.3	<b>21</b>
	2	Subtracting Integers	Number Sense 2.3	<b>22</b>
	3	Multiplying and Dividing Integers	Number Sense 2.3	<b>23</b>
	A1	Assessment – Operations with Integers	Number Sense 2.3	<b>4</b>
	F1	Assessment Follow-Up	Number Sense 2.3	
	4	Adding and Subtracting Fractions with Like Denominators	Number Sense 2.1	<b>24</b>
	5	Least Common Denominator	Number Sense 2.4	<b>25</b>
	6	Adding and Subtracting Fractions with Unlike Denominators	Number Sense 2.1, 2.4	<b>26</b>
	A2	Assessment – Adding and Subtracting Fractions	Number Sense 2.1, 2.4	<b>5</b>
	F2	Assessment Follow-Up	Number Sense 2.1, 2.4	

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
	7	Multiplying Fractions	Number Sense 2.1, 2.2	<b>27</b>
	8	Multiplying and Dividing Fractions	Number Sense 2.1, 2.2	<b>28</b>
	9	Multiplying and Dividing Mixed Numbers	Number Sense 2.1, 2.2	<b>29</b>
	A3	Assessment – Multiplying & Dividing Fractions & Mixed Numbers	Number Sense 2.1, 2.2	<b>6</b>
	F3	Assessment Follow-Up	Number Sense 2.1, 2.2	
	10	Adding Mixed Numbers	Number Sense 2.1, 2.4	<b>30</b>
	11	Subtracting Mixed Numbers	Number Sense 2.1, 2.4	<b>31</b>
	12	Subtracting Mixed Numbers with Regrouping	Number Sense 2.1, 2.4	<b>32</b>
	A4	Assessment – Adding and Subtracting Mixed Numbers	Number Sense 2.1, 2.4	<b>7</b>
	F4	Assessment Follow-Up	Number Sense 2.1, 2.4	
<b>Fractions and Decimals</b>	1	Changing Percent to Decimals and Decimals to Percents	Number Sense 1.4	<b>33</b>
	2	Changing Fractions to Decimals and Decimals to Fractions	Number Sense 2.1	<b>34</b>
	3	Changing Percents, Decimals, and Fractions	Number Sense 1.4, 2.1	<b>35</b>
	A1	Assessment – Changing Percents, Decimals, and Fractions	Number Sense 1.4, 2.1	<b>8</b>
	F1	Assessment Follow-Up	Number Sense 1.4, 2.1	
	4	Converting Decimals to Fractions	Number Sense 2.3	<b>36</b>
	5	Comparing and Ordering Fractions by Converting Fractions to Decimals	Number Sense 1.1	<b>37</b>
	6	Comparing and Ordering Fractions and Decimals	Number Sense 1.1	<b>38</b>

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
	A2	Assessment – Comparing and Ordering Fractions and Decimals	Number Sense 1.1	<b>9</b>
	F2	Assessment Follow-Up	Number Sense 1.1	
	7	Comparing Fractions and Mixed Numbers	Number Sense 1.1	<b>39</b>
	8	Comparing Positive and Negative Decimals	Number Sense 1.1	<b>40</b>
	9	Order and Place Positive and Negative Fractions, Decimals, and Mixed Numbers on a Number Line	Number Sense 1.1	<b>41</b>
	A3	Assessment – Compare/Order/Place Numbers on a Number Line	Number Sense 1.1	<b>10</b>
	F3	Assessment Follow-Up	Number Sense 1.1	
<b>Number Sense</b>	1	Proportions: Solving for $n$	Number Sense 1.3	<b>43</b>
	2	Proportions: Solving for $n$	Number Sense 1.3	<b>44</b>
	3	Proportions: Solving for $n$	Number Sense 1.3	<b>45</b>
	A1	Assessment – Proportions: Solving for $n$	Number Sense 1.3	<b>11</b>
	F1	Assessment Follow-Up	Number Sense 1.3	
	4	Finding Percent	Number Sense 1.4	<b>46</b>
	5	Finding Percent of a Number	Number Sense 1.4	<b>47</b>
	6	Finding Percentages	Number Sense 1.4	<b>48</b>
	A2	Assessment – Finding Percent	Number Sense 1.4	<b>12</b>
	F2	Assessment Follow-Up	Number Sense 1.4	

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
<b>Algebra and Functions</b>	1	Solving One-Step Equations	Algebra & Functions 1.1	<b>49</b>
	2	Solving One-Step Equations	Algebra & Functions 1.1	<b>50</b>
	3	Solving Linear Equations	Algebra & Functions 1.1	<b>51</b>
	A1	Assessment-Solving Linear Equations	Algebra & Functions 1.1	<b>13</b>
	F1	Assessment Follow-Up	Algebra & Functions 1.1	
	4	Writing Algebraic Expressions	Algebra & Functions 1.2	<b>52</b>
	5	Writing Algebraic Expressions	Algebra & Functions 1.2	<b>53</b>
	6	Writing Algebraic Expressions	Algebra & Functions 1.2	<b>54</b>
	A2	Assessment-Writing Algebraic Expressions	Algebra & Functions 1.2	<b>14</b>
	F2	Assessment Follow-Up	Algebra & Functions 1.2	
	7	Commutative Property	Algebra & Functions 1.3	<b>55</b>
	8	Associative Property	Algebra & Functions 1.3	<b>56</b>
	9	Distributive Property	Algebra & Functions 1.3	<b>57</b>
	A3	Assessment-Commutative, Associative, and Distributive Properties	Algebra & Functions 1.3	<b>15</b>
	F3	Assessment Follow-Up	Algebra & Functions 1.3	
	10	Order of Operations	Algebra & Functions 1.2, 1.3, 1.4	<b>58</b>
	11	Order of Operations	Algebra & Functions 1.2, 1.3, 1.4	<b>59</b>
	12	Order of Operations	Algebra & Functions 1.2, 1.3, 1.4	<b>60</b>
	A4	Assessment-Order of Operations	Algebra & Functions 1.2, 1.3, 1.4	<b>16</b>

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
	F4	Assessment Follow-Up	Algebra & Functions 1.2, 1.3, 1.4	
<b>Computation in Context</b>	1	Rate	Algebra & Functions 2.2	<b>61</b>
	2	Rate	Algebra & Functions 2.2	<b>62</b>
	3	Rate	Algebra & Functions 2.2	<b>63</b>
	A1	Assessment – Rate	Algebra & Functions 2.2	<b>17</b>
	F1	Assessment Follow-Up	Algebra & Functions 2.2	
	4	Proportions: Solving for $n$	Number Sense 1.3	<b>64</b>
	5	Using Proportions to Solve Problems	Number Sense 1.3	<b>65</b>
	6	Proportions: Solving for the Length of a Side	Number Sense 1.3	<b>66</b>
	A2	Assessment – Using Proportions to Solve Problems	Number Sense 1.3	<b>18</b>
	F2	Assessment Follow-Up	Number Sense 1.3	
	7	Percentage Discounted	Number Sense 1.4	<b>67</b>
	8	Calculating Tips	Number Sense 1.4	<b>68</b>
	9	Simple Interest	Number Sense 1.4	<b>69</b>
	A3	Assessment – Discounts, Tips, and Interest	Number Sense 1.4	<b>19</b>
F3	Assessment Follow-Up	Number Sense 1.4		
<b>Geometry</b>	1	Acute, Right and Obtuse Angles and Triangles	Measurement & Geometry 2.0	<b>71</b>
	2	Classifying of Triangles by Measures of Sides	Measurement & Geometry 2.0	<b>72</b>

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
	3	Perimeter and Area of Triangles	Algebra & Functions 3.1	<b>73</b>
	A1	Assessment- Angles and Triangles	Measurement & Geometry 2.0 Algebra & Functions 3.1	<b>20</b>
	F1	Assessment Follow-Up	Measurement & Geometry 2.0 Algebra & Functions 3.1	
	4	Perimeter and Area of Rectangles	Algebra & Functions 3.1	<b>74</b>
	5	Perimeter of Quadrilaterals	Algebra & Functions 3.1	<b>75</b>
	6	Perimeter and Area of Parallelograms	Algebra & Functions 3.1	<b>76</b>
	A2	Assessment- Quadrilaterals	Algebra & Functions 3.1	<b>21</b>
	F2	Assessment Follow-Up	Algebra & Functions 3.1	
	7	Vertical and Adjacent Angles	Measurement & Geometry 2.1	<b>77</b>
	8	Complementary and Supplementary Angles	Measurement & Geometry 2.1, 2.2	<b>78</b>
	9	Vertical/Adjacent/ Complementary /Supplementary Angles	Measurement & Geometry 2.1, 2.2	<b>79</b>
	A3	Assessment- Vertical/Adjacent/ Complementary/Supplementary Angles	Measurement & Geometry 2.1, 2.2	<b>22</b>
	F3	Assessment Follow-Up	Measurement & Geometry 2.1, 2.2	
<b>Measurement</b>	1	Parts of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1	<b>81</b>
	2	Circumference of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1	<b>82</b>
	3	Area of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1	<b>83</b>
	A1	Assessment – Circumference and Area of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1	<b>23</b>

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
	F1	Assessment – Follow-Up	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1	
	4	Surface Area and Volume of Rectangular Prisms	Measurement & Geometry 1.3	<b>84</b>
	5	Surface Area of Cylinders	Measurement & Geometry 1.3 Algebra & Functions 3.1	<b>85</b>
	6	Volume of Cylinders	Measurement & Geometry 1.3 Algebra & Functions 3.1	<b>86</b>
	A2	Assessment – Surface Area and Volume of Solids	Measurement & Geometry 1.3 Algebra & Functions 3.1	<b>24</b>
	F2	Assessment – Follow-Up	Measurement & Geometry 1.3 Algebra & Functions 3.1	
<b>Statistics and Probability</b>	1	Mean, Median, Mode and Range	Statistics, Data, & Probability 1.1	<b>87</b>
	2	Mean and Range	Statistics, Data, & Probability 1.1	<b>88</b>
	3	Mean, Median, Mode, Range, and Outliers	Statistics, Data, & Probability 1.1	<b>89</b>
	A1	Assessment- Mean, Median, Mode and Range	Statistics, Data, & Probability 1.1	<b>25</b>
	F1	Assessment Follow-Up	Statistics, Data, & Probability 1.1	
	4	Tree Diagrams	Statistics, Data, & Probability 3.1	<b>90</b>
	5	Determining Probability	Statistics, Data, & Probability 3.3	<b>91</b>
	6	Representing Probabilities	Statistics, Data, & Probability 3.3	<b>92</b>
	A2	Assessment-Tree Diagrams & Probability	Statistics, Data, & Probability 3.1, 3.3	<b>26</b>
	F2	Assessment Follow-Up	Statistics, Data, & Probability 3.1, 3.3	
	7	Samples of Populations	Statistics, Data, & Probability 2.1, 2.2	<b>93</b>
8	Validity of Claims	Statistics, Data, & Probability 2.5	<b>94</b>	

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
	9	Analyzing Data Results	Statistics, Data, & Probability 2.3	<b>95</b>
	A3	Assessment- Samples, Claims, and Data Analysis	Statistics, Data, & Probability 2.1, 2.2, 2.3, 2.5	<b>27</b>
	F3	Assessment Follow-Up	Statistics, Data, & Probability 2.1, 2.2, 2.3, 2.5	
<b>Maintenance</b>	1	Algebra and Functions- Solving One-Step Equations	Algebra & Functions 1.1	<b>97</b>
	2	Algebra and Functions- Writing Algebraic Expressions	Algebra & Functions 1.2	<b>98</b>
	3	Algebra and Functions-Commutative, Associative, and Distributive Properties	Algebra & Functions 1.3	<b>99</b>
	4	Algebra and Functions- Order of Operations	Algebra & Functions 1.3, 1.4	<b>100</b>
	5	Computation- Operations with Integers	Number Sense 2.3	<b>101</b>
	6	Computation- Adding and Subtracting Fractions	Number Sense 2.1, 2.4	<b>102</b>
	7	Computation- Adding and Subtracting Mixed Numbers	Number Sense 2.1, 2.4	<b>103</b>
	8	Computation- Multiplying and Dividing Fractions	Number Sense 2.1, 2.2	<b>104</b>
	9	Computation in Context - Rate	Algebra & Functions 2.2	<b>105</b>
	10	Number Sense – Proportions: Solving for n	Number Sense 1.3	<b>106</b>
	11	Number Sense – Finding Percent	Number Sense 1.4	<b>107</b>
	12	Fractions and Decimals – Comparing and Ordering Fractions and Decimals	Number Sense 1.1	<b>108</b>
	13	Geometry – Classifying Triangles by their Sides and Angles	Measurement & Geometry 2.0	<b>109</b>
	14	Geometry – Quadrilaterals	Algebra & Functions 3.1	<b>110</b>
	15	Measurement – Circumference and Area of a Circle	Measurement & Geometry 1.1, 1.2 Algebra & Functions 3.1	<b>111</b>

## 6<sup>th</sup> Grade Mathematics Standards Plus<sup>®</sup> Lesson Index

Topic	Lesson	Focus of Lesson	Standard	WB Page #
	16	Computation in Context – Discounts, Tips, and Interest	Number Sense 1.4	<b>112</b>
	17	Problem Solving – Solving Word Problems	Mathematical Reasoning 1.1 Number Sense 2.3	<b>113</b>
	18	Problem Solving – Obtaining Information from a Chart	Mathematical Reasoning 1.1, 1.3, 2.2	<b>114</b>
	19	Statistics and Probability – Mean, Median, Mode, and Range	Statistics, Data Analysis, and Probability 1.1	<b>115</b>
	20	Statistics and Probability – Samples of Populations	Statistics, Data Analysis, and Probability 2.1, 2.2	<b>116</b>