



What's Different About Making Sense of Problem Solving: Targeting Washington 2008 Mathematics Standards Grades K-5

1. Which of the problems that are used in the *Washington Math Problem Solving (EALRs)* units--(the Teacher to Teacher yellow binders) are also used in *Making Sense of Problem Solving: Targeting Washington 2008 Mathematics Standards*?
 - Percent of problems that are the same or similar: 7.6%
 - Percent of problems that are changed: 10.3%
 - Percent of problems that are new: 82%
2. Which one is test prep and which one is an instructional supplement?
 - Although designed to target the EALRs and GLEs, the yellow binders were often used for test prep.
 - *Making Sense of Problem Solving: Targeting Washington 2008 Mathematics Standards* is designed as a thorough instructional supplement.

The Teacher to Teacher yellow binders that targeted the EALRs and GLEs were very good, but *Making Sense of Problem Solving* is outstanding. It is much deeper and more thorough in content and has effective instructional suggestions in every unit.

Making Sense of Problem Solving fills the void found in typical core programs in that it provides fun and engaging open-ended problem solving experiences that foster deep mathematical thinking, conceptual understanding, and powerful discourse about mathematical ideas.

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Kindergarten

Washington Math Problem Solving: Targeting Washington EALRs and Kindergarten GLEs © 2006	Problems also used in Making Sense of Problem Solving: Targeting WA 2008 Math Standards
<p>K.1 Positions, Please! Geometric Sense</p>	<p>A.5 Over and Under (Grade: Kdg.) Similar: WU 1, WU3, PST Same: WU 2, Ext.; New: WU 4</p>
<p>K.2 Smallest to Largest Measurement</p>	<p>Not used</p>
<p>K.3 Making Repeating Patterns Measurement • Algebraic Sense</p>	<p>Not used</p>
<p>K.4 3-D Shape Sort Measurement • Geometric Sense</p>	<p>Not used</p>
<p>K.5 Out of Sorts Measurement • Geometric Sense</p>	<p>Not used</p>
<p>K.6 Our Favorites Probability and Statistics</p>	<p>Not used</p>
<p>K.7 Ladybugs Number Sense</p>	<p>B.3 Ladybugs (Grade 1) All problems significantly changed so focus is on commutative and associative properties</p>
<p>K.8 How Long Is It? Measurement</p>	<p>Not used</p>
<p>K.9 How Many? Number Sense</p>	<p>Not used</p>
<p>K.10 Equal or Not Equal? Algebraic Sense</p>	<p>Not used</p>

Grade 1

Washington Math Problem Solving: Targeting Washington EALRs For Grade 1 © 2002	Problems also used in Making Sense of Problem Solving: Targeting WA 2008 Math Standards
1.1 Patterns	Not used
1.2 Cookies	Not used
1.3 London Bridge	B.10 Fill It In (Grade 1) Changed: WU 1; Similar: PST New: WU 2, WU 3, Ext.
1.4 Snowcones	Not used
1.5 A Weigh We Go	B.10 A Weighty Decision (Grade 1) Same: WU 1, PST; New: WU2, Ext.
1.6 Valentine Cookies	Not used
1.7 Pencils	Not used
1.8 Grandma's Beads	A.2 A String of Beads (Kdg.) Changed:WU 2; Similar: PST, Ext. New: WU1
1.9 Show Me the Money	Not used
1.10 Three Little Kittens	Not used
1.11 Snake and Shape	Not used
1.12 Toy Cars	Not used
1.13 Repeating Patterns	Not used
1.14 Fishing	Not used
1.15 Symmetry	Not used
1.A Penny Lane	Not used
1.B How Many Cups Full?	Not used

Grade 2

Washington Math Problem Solving: Targeting Washington EALRs for Grade 2	Problems also used in Making Sense of Problem Solving: Targeting WA 2008 Math Standards
2.1 Colored Leaves	Not used
2.2 Don't Try to Worm Out ...	Not used
2.3 Weather Chart	Not used
2.4 Snow Cones	Not used
2.5 Toy Store	C.6 Toy Store (Grade 2) Changed: PST; Similar: WU New: Wxt. 1, Ext 2
2.6 Muddy Paws	Not used
2.7 Lunch Time	Not used
2.8 Worm Bins	Not used
2.9 A Designing Problem	Not used
2.10 Show Me the Money	Not used
2.11 Tangram Puzzles	Not used
2.12 Second Grade Survey	Not used
2.13 Time Goes By	Not used
2.14 Fancy Frame	Not used
2.15 Playground Patrol	Not used
2.A Bonus: Classy Groups	Not used

Grade 3 (Volume I)

<p>Washington Math Problem Solving: Targeting Washington EALRs and Grade 3 GLEs © 2007</p>	<p>Problems also used in Making Sense of Problem Solving: Targeting WA 2008 Math Standards</p>
<p>3.1 Brownies</p>	<p>D.7 Brownies (Gr. 3) Changed: WU 1, Ext.; Same: none New: WU 2, PST,</p>
<p>3.2 Garden Patterns</p>	<p>D.6 How Does Your Garden Grow? Same: PST; New: WU 1 & 2, Ext. 1 & 2</p>
<p>3.3 5, 4, 3, 2, 1...</p>	<p>E.7 Five, Four Three, Two, One (Gr. 5) New: Every problem, other than using the shape of the rocket</p>
<p>3.4 Flower Garden</p>	<p>C.4 Flower Garden (Gr. 2) Changed: WU, PST; Same: none New: Ext. 1 & 2</p>
<p>3.5 Try This Triangle</p>	<p>Not used</p>
<p>3.6 Farmer Ted</p>	<p>Not used</p>
<p>3.7 Time For Fun</p>	<p>Not used</p>
<p>3.8 Colored Marbles</p>	<p>Not used</p>
<p>3.9 Dandy Data</p>	<p>Not used</p>
<p>3.10 Room Change</p>	<p>D.4 Room Change (Gr. 3) Changed: WU; Same: PST, Ext. 1 New: Ext. 2</p>
<p>3.11 How Much Does It Hold?</p>	<p>E.11 How Much Does It Hold? (Gr. 4) Changed: WU, PST; Same: none New: Ext. 1 & 2</p>
<p>3.12 Flight</p>	<p>Not used</p>
<p>3.13 Mystery Number</p>	<p>Not used</p>
<p>3.14 Weather Forecast</p>	<p>D.12 What's the Weather? (Gr. 3) Changed: WU 1; Same: PST New: WU 2, Ext 1 & 2</p>
<p>3.15 Class Quilt</p>	<p>Not used</p>
<p>3.A Bonus: Worming Around</p>	<p>Not used</p>

Grade 3 Volume II

Washington Math Problem Solving: Targeting Washington EALRs and Grade 3 GLEs © 2007	Problems also used in Making Sense of Problem Solving: Targeting WA 2008 Math Standards
3.20 How Much Money?	Not used
3.21 In and Out	Not used
3.22 Congruent Design	Not used
3.23 Nesting Eagles	Not used
3.24 Little Brothers	Not used
3.25 Equivalent Measures	Not used
3.26 Who's Playing Soccer?	Not used
3.27 Ordering Ice Cream	D.13 Just Graph It Changed: Ext. 2; Same: PST New: WU 1 & 2, Ext. 1
3.28 Art Class	D.2 Art Class Changed: none; Same: PST New: WU 1 & 2, Ext.
3.29 May Days	Not used

Grade 4 (Volume I)

<p>Washington Math Problem Solving: Targeting Washington EALRs and Grade 4 GLEs © 2007</p>	<p>Problems also used in Making Sense of Problem Solving: Targeting WA 2008 Math Standards</p>
<p>4.1 Butterfly Wings</p>	<p>Not used</p>
<p>4.2 Carnival Games</p>	<p>E.13 Carnival Games Same: WU 3, PST, Ext 1; Changed: none; New: WU 1 & 2, Ext. 2</p>
<p>4.3 Working Out</p>	<p>Not used</p>
<p>4.4 Cookie Game</p>	<p>Not used</p>
<p>4.5 Jet Boat Ride</p>	<p>Not used</p>
<p>4.6 Show Time</p>	<p>E.12 Show Time (Gr. 4) Same: WU 1, PST; New: WU 2, Ext.</p>
<p>4.7 Card Shop</p>	<p>Not used</p>
<p>4.8 Upsie Daisy</p>	<p>Not used</p>
<p>4.9 Lines of Symmetry</p>	<p>Not used</p>
<p>4.10 Brick Pathway</p>	<p>Not used</p>
<p>4.11 Number Patterns</p>	<p>F.12 Patterns (Gr. 5) Changed: WU 1 & 2, PST, Ext.; New: Ext. 1</p>
<p>4.12 Apple Pie</p>	<p>Not used</p>
<p>4.13 Candy by the Pound</p>	<p>Not used</p>
<p>4.14 How Close Can You Get?</p>	<p>D.11 How Close Can You Get? (Gr. 3) Changed: WU 2, PST, Ext; Same: none New: WU 1</p>
<p>4.15 Baby-sitting Money</p>	<p>Not used</p>
<p>4.A Bonus: Family Fun</p>	<p>Not used</p>

Grade 4 Volume II

Washington Math Problem Solving: Targeting Washington EALRs and Grade 4 GLEs © 2007	Problems also used in Making Sense of Problem Solving: Targeting WA 2008 Math Standards
4.20 Moving In	Not used
4.21 Making Change	Not used
4.22 Two Dimensional Shapes	Not used
4.23 Soccer Sicles	F.14 Soccer Snacks (Gr. 5) Changed: WU 1, PST, Ext.; Same: none New: WU 2
4.24 An Investigation	Not used
4.25 Sliding By	E.14 Sliding By (Gr. 4) Changed: WU 2; Same: PST, Ext. New: WU 1
4.26 Pizza Party	Not used
4.27 Playground Problem	E.10 Playground (Gr. 4) Same: PST, Ext. 1 New: WU, Ext. 2
4.28 Who's On the Phone?	Not used
4.29 Big Water Puddle	Not used
Bonus Here Come the Tunes	Not used

Grade 5 (Volume I)

Washington Math Problem Solving: Targeting Washington EALRs and Grade 5 GLEs © 2007	Problems also used in Making Sense of Problem Solving: Targeting WA 2008 Math Standards
5.1 Sports Card	Not used
5.2 Math Magic	Not used
5.3 Roll	Not used
5.4 Pattern Block Trains	Not used
5.5 Can of Worms	Not used
5.6 S'Mores	Not used
5.7 Outfits	Not used
5.8 Coins	Not used
5.9 Leap Frog	Not used
5.10 Tree House	Not used
5.11 Party Hearty	F.6 Party Hearty (Gr. 5) Changed: WU, PST, Ext. 2 Same: none; New: Ext. 1
5.12 Sides, Angles and Shapes	Not used
5.13 Home Team	Not used
5.14 Post It	Not used
5.15 Bulletin Board	Not used
5.A Bonus: Transforming Puzzle	Not used
5.B Bonus: Inside a Tangram	Not used

Grade 5 Volume II

Washington Math Problem Solving: Targeting Washington EALRs and Grade 5 GLEs © 2007	Problems also used in Making Sense of Problem Solving: Targeting WA 2008 Math Standards
5.20 Follow the Clues	Not used
5.21 School Clothes	F.5 School Clothes (Gr. 5) Changed: WU 1, PST; Same: Ext. New: WU 2
5.22 Lines and Angles	Not used
5.23 Want to Win?	Not used
5.24 Treasure Hunt	F.7 Treasure Hunt Changed: WU; Same: PST New: Ext. 1, 2 & 3
5.25 Soccer Game	Not used
5.26 Growing Taller	Not used
5.27 On the Move	Not used
5.28 Building Global Awareness	Not used
5.29 Lake Washington	F.11 Lake Oscawana (Gr. 5) Changed: Ext. 2; Same: WU 1 New: WU 2, PST, Ext. 1