

Mathematics Problem Solving Work Sample Tasks

ODE Website: <http://www.ode.state.or.us/search/page/?=281>

Work samples will more effectively support student learning when they are integrated systematically into the district curriculum and are also part of classroom instruction (that is, the normal, ongoing evaluation and grading process). For example, when they are used to help summarize a unit of study or extending the concepts presented, work samples can be a natural part of classroom practices and be offered many times during the school year.

These examples of work sample tasks are aligned to the **2011-12 Mathematics Problem Solving Scoring Guide**

(http://www.ode.state.or.us/wma/teachlearn/testing/scoring/guides/2011-12/mathpsscoringguide_eng_1112.pdf) and to the 2007/2009 Oregon Mathematics Content Standards, <http://ode.state.or.us/teachlearn/real/standards/sbd.aspx>.

Check back to this page as more Student Work and Scores will be added. Professional development resources are available to assist with the proposed new mathematics scoring guide (<http://www.ode.state.or.us/teachlearn/subjects/mathematics/resources/math-pd.pdf>).

Mathematics Problem Solving Work Samples and Student Work aligned to 2010-2011 scoring guide: <http://www.ode.state.or.us/search/page/?id=503>

		First Core Standard (SRC 1)	Second Core Standard (SRC 2)	Third Core Standard (SRC 3)
GRADE 2*		3.1 (Number and Operations)	3.2 (Number and Operations, Algebra, and Data Analysis)	3.3 (Geometry and Measurement)
	Task Only	Three-Digit Numbers	Sum and Difference Needing Some Change Coin Combinations Marvelous Money Mystery Riddle Me Number 17 cents Ty's Money 33 cents	The Bob and Sam Shoe Show
	Student Work	(Pending Availability)		

- *There is no work sample requirement for grade 2; the grade 2 tasks posted here are intended to give teachers examples of tasks that are aligned to the 2nd grade standards.*

		First Core Standard (SRC 1)	Second Core Standard (SRC 2)	Third Core Standard (SRC 3)
GRADE 3		3.1 (Number and Operations)	3.2 (Number and Operations, Algebra, and Data Analysis)	3.3 (Geometry & Measurement)
	Task Only	Marbles in a Bag Jones Family Pizza Colored Cubes	Legs! Legs! Legs! How Many Fathoms L Pattern Grandpa's Farm At the Fair Green and Yellow Bus Lemonade Trail Mix Lollipops Jellybean Counter Jolly Ranchers Tile Arrays Calendar Pattern Selling Marbles	Angle Sort Reynolds Perimeter: 14 Inches Sorting Shapes Shape House More Rectangles
	Scored Student Work with Task		Grandpa's Farm	
GRADE 4		4.1 (Number and Operations)	4.2 (Number & Operations / Algebra)	4.3 (Measurement)
	Task Only	Marty's Activities Zoo Dilemma	Samantha's Eggs Clement's Farm Amazing Arrays Paper Route	Walking Dog Ribbon Reality Kyle's Corral Caper Area 16 Square Cm Aura's Backyard Rectangle Dimensions Marla's Rectangle Cooper's Dogpen Shaded Region Rectangles in a Square
	Student Work	(Pending Availability)		
GRADE 5		5.1 (Number & Operations /Data Analysis)	5.2 (Number & Operations / Algebra)	5.3 (Geometry, Algebra and Measurement)
	Task Only	Squares Olga's Strawberries		How Much Ribbon
	Scored Student Work with Task	Olga's Strawberries		

