

Summary of 2008 Mathematics Standard Changes

GRADE 4			
Removed POs	POs Moved to a Different Grade Level	POs Moved within the Grade Level or from another Grade Level	New POs
M04-S1C2-03 (2003) Select the grade-level appropriate operation to solve word problems. (This skill is required throughout the standard).	M04-S1C1-02 (2003) Identify whole numbers in or out of order. MOVED to M03-S1C1-01 (2008)	M04-S1C1-05 (2008) Use simple ratios to describe problems in context. MOVED from M06-S1C1-01 (2003)	M04-S2C3-02 (2008) Justify that all possibilities have been enumerated without duplication.
M04-S1C2-04 (2003) Solve word problems using grade-level appropriate operations and numbers. (This skill is required throughout the standard).	M04-S1C1-03 (2003) Write whole numbers in or out of order. MOVED to M03-S1C1-01 (2008)	M04-S1C1-14 (2003) MOVED to M04-S1C2-01 (2008) Add and subtract decimals through hundredths including money to \$1000.00 and fractions with like denominators.	M04-S2C4-01 (2008) Demonstrate the connection between map coloring and vertex coloring.
M04-S1C2-11 (2003) Use grade-level appropriate mathematical terminology. (This skill is required throughout the standard).	M04-S1C1-07 (2003) Compare two whole numbers. MOVED to M03-S1C1-02 (2008)	M04-S2C1-04 (2008) Compare two sets of related data. MOVED from M05-S2C1-07 (2003)	M04-S2C4-03 (2008) Solve conflict problems by constructing and coloring vertex-edge graphs.
M04-S2C1-01 (2003) Formulate questions to collect data in contextual situations.	M04-S1C1-08 (2003) Order three or more whole numbers. MOVED to M03-S1C1-02 (2008)	M04-S2C4-02 (2008) Construct vertex-edge graphs to represent concrete situations and identify paths and circuits. MOVED from M06-S2C4-01 (2003)	M04-S4C1-02 (2008) Justify which objects in a collection match a given geometric description.
M04-S4C1-08 (2003) Draw a 2-dimensional shape that has line symmetry.	M04-S1C2-01 (2003) Add whole numbers. MOVED to M03-S1C2-01 (2008)	M04-S3C3-02 (2008) Create and solve one-step equations that can be solved using addition, subtraction, multiplication, and division of whole numbers. MOVED from M06-S3C3-05 (2003)	M04-S4C1-04 (2008) Recognize which attributes (such as shape or area) change and which do not change when 2-dimensional figures are cut up or rearranged.

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	M04-S1C2-02 (2003) Subtract whole numbers. MOVED to M03-S1C2-01 (2008)	M04-S4C1-07 (2008) Recognize the relationship between a 3-dimensional figure and its corresponding net(s). MOVED from M07-S4C1-03 (2003) and M08-S4C1-03 (2003)	M04-S4C3-02 (2008) Plot line segments in the first quadrant of the coordinate plane using a set of ordered pairs in a table.
	M04-S1C2-10 (2003) Apply the symbol: \bullet and $()$ for multiplication, and \leq , \geq . MOVED to M02-S3C3-02 (2008) (greater than and less than symbols)	M04-S4C4-05 (2008) Describe the change in perimeter or area when one attribute (length or width) of a rectangle changes. MOVED from M05-S4C4-08 (2003)	M04-S4C3-03 (2008) Construct geometric figures with vertices at points on the coordinate plane.
	M04-S1C2-10 (2003) Apply the symbol: \bullet and $()$ for multiplication, and \leq , \geq . MOVED to M05-S1C2-04 (2008) (raised dot and parentheses)	M04-S5C1-01 (2003) MOVED to M04-S5C2-02 (2008) Discriminate necessary information from unnecessary information in a given grade-level appropriate word problem.	M04-S5C2-01 (2008) Analyze a problem situation to determine the question(s) to be answered.
	M04-S2C1-02 (2003) Construct a single-bar graph, line graph or two-set Venn diagram with appropriate labels and title from organized data. MOVED to M07-S2C3-02 (2008) (two set Venn diagrams)		M04-S5C2-03 (2008) Select and use one or more strategies to efficiently solve the problem and justify the selection.

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	M04-S2C1-03 (2003) Interpret graphical representations and data displays including single-bar graphs, circle graphs, two-set Venn diagrams, and line graphs that display continuous data. MOVED to M07-S2C3-02 (2008) (two-set Venn diagrams)		M04-S5C2-04 (2008) Determine whether a problem to be solved is similar to previously solved problems, and identify possible strategies for solving the problem.
	M04-S2C1-04 (2003) Answer questions based on graphical representations and data displays including single-bar graphs, circle graphs, two-set Venn diagrams, and line graphs that display continuous data. MOVED to M07-S2C3-02 (2008) (two-set Venn diagrams)		M04-S5C2-05 (2008) Represent a problem situation using any combination of words, numbers, pictures, physical objects, or symbols.
	M04-S2C2-03 (2003) Predict the outcome of a grade-level appropriate probability experiment. MOVED to M05-S2C2-02 (2008)		M04-S5C2-06 (2008) Summarize mathematical information, explain reasoning, and draw conclusions.
	M04-S2C2-04 (2003) Record the data from performing a grade-level MOVED to M05-S2C2-02 (2008)		M04-S5C2-07 (2008) Analyze and evaluate whether a solution is reasonable, is mathematically correct, and answers the question.

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	M04-S2C2-05 (2003) Compare the outcome of an experiment to predictions made prior to performing the experiment. MOVED to M05-S2C2-02 (2008)		M04-S5C2-08 (2008) Make and test conjectures based on data (or information) collected from explorations and experiments
	M04-S2C2-06 (2003) Make predictions from the results of student-generated experiments using objects (e.g., coins, spinners, number cubes). MOVED to M05-S2C2-02 (2008)		
	M04-S2C2-07 (2003) Compare the results of two repetitions of the same grade-level appropriate probability experiment. MOVED to M05-S2C2-02 (2008)		
	M04-S2C4-01 (2003) Color maps with the least number of colors so that no common edges share the same color (increased complexity throughout grade levels). MOVED to M03-S2C4-01 (2008)		

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	M04-S3C2-01 (2003) Describe the rule used in a simple grade-level appropriate function (e.g., T-chart, input/output model). MOVED to M02-S3C2-01 (2008)		
	M04-S4C1-01 (2003) Identify the properties of 2-dimensional figures using appropriate terminology. MOVED to M02-S4C1-01 (2008)		
	M04-S4C1-02 (2003) Identify models or illustrations of prisms, pyramids, cones, cylinders, and spheres. MOVED to M03-S4C1-03 (2008)		
	M04-S4C1-07 (2003) Identify similar shapes. MOVED to M03-S4C1-02 (2008)		
	M04-S4C2-01 (2003) Demonstrate translation using geometric figures. MOVED to M03-S4C2-01 (2008)		
	M04-S4C2-02 (2003) Identify a tessellation. MOVED to M08-S4C2-02 (2008)		

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	M04-S4C4-02 (2003) Compute elapsed time using a clock (e.g., hours and minutes since or until...) or a calendar (e.g., days, weeks, years since or until...) MOVED to M03-S4C4-01 (2008)		
	M04-S4C4-05 (2003) Compare units of measure to determine <i>more</i> or <i>less</i> relationships including: <ul style="list-style-type: none"> length - yards and miles, meters and kilometers, and weight - pounds and tons, grams and kilograms. MOVED to M03-S4C4-02 (2008) (US customary units only)		
	M04-S5C1-02 (2003) Develop an algorithm to calculate the perimeter of simple polygons. MOVED to M05-S5C1-02 (2008)		
	M04-S5C2-01 (2003) Draw a conclusion from a Venn diagram. MOVED to M07-S5C2-07 (2008)		

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	M04-S5C2-02 (2003) Identify simple valid arguments using <i>if...then</i> statements based on graphic organizers (e.g., 2-set Venn diagrams and pictures). MOVED to M05-S5C2-09 (2008)		