

GLENCOE/MCGRAW-HILL
 MATHEMATICS CORRELATIONS
 GRADE 6

Mathematics New Generation Sunshine State Standards Crosswalk Correlations

Course Code 1205010

Course Category 6-12

Subject Area Mathematics

Course Type Core

Course Title M/J Mathematics 1 - 6th Regular

Course Level 2

Course Length Full Year

Credit

Description NA

Abbreviated

Title M/J Mathematics 1 - 6th Regular

RELATED BENCHMARKS (21) :

Scheme Descriptor

LESSON #

LA.6.1.6.5 The student will relate new vocabulary to familiar words;

Throughout Text

LA.6.4.2.2 The student will record information (e.g., observations, notes, lists, charts, legends) related to a topic, including visual aids to organize and record information and include a list of sources used;

Throughout Text- Foldables

MA.6.A.1.1 Explain and justify procedures for multiplying and dividing fractions and decimals.

4-1a- 4-4, including labs and games
7-1 through 7-5, including labs and games

MA.6.A.1.2 Multiply and divide fractions and decimals efficiently.

4-1a- 4-4, including labs and games
7-1 through 7-5, including labs and games

MA.6.A.1.3 Solve real-world problems involving multiplication and division of fractions and decimals.

4-1a- 4-4, including labs and games
7-1 through 7-5, including labs and games

MA.6.A.2.1 Use reasoning about multiplication and division to solve ratio and rate problems.

10-1, 10-1B

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RELATED BENCHMARKS (21) :

		LESSON #
MA.6.A.2.2	Interpret and compare ratios and rates.	10-1, 10-1B
MA.6.A.3.1	Write and evaluate mathematical expressions that correspond to given situations.	1-5, 1-6
MA.6.A.3.2	Write, solve, and graph one- and two- step linear equations and inequalities.	1-7, Chapt. 9, including games and labs
MA.6.A.3.3	Works backward with two-step function rules to undo expressions.	9-5, 9-6a, 9-6, *need supplement
MA.6.A.3.4	Solve problems given a formula.	p. 39, 381, 382, p. 412, *need supplement
MA.6.A.3.5	Apply the Commutative, Associative, and Distributive Properties to show that two expressions are equivalent.	9-1a, 9-1
MA.6.A.3.6	Construct and analyze tables, graphs and equations to describe linear functions and other simple relations using both common language and algebraic notation.	1-7, 9-6, throughout Chapter 9
MA.6.A.5.1	Use equivalent forms of fractions, decimals, and percents to solve problems.	10-4, p. 399, 10-5, 10-6, 10-7a, 10-7, 10-8
MA.6.A.5.2	Compare and order fractions, decimals, and percents, including finding their approximate location on a number line.	10-6
MA.6.A.5.3	Estimate the results of computations with fractions, decimals, and percents and judge the reasonableness of the results.	p. 116, 117, 223, 224, 415, 416
MA.6.G.4.1	Understand the concept of pi, know common estimates of pi (3.14; 22/7) and use these values to estimate and calculate the circumference and the area of circles.	4-6, 14-3, Hands-on lab on p. 556

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RELATED BENCHMARKS (21) :

LESSON

MA.6.G.4.2	Find the perimeters and areas of composite two-dimensional figures, including non-rectangular figures (such as semicircles) using various strategies.	1-8, 4-5, 7-1, p.464, 12-1a, 12-1b, 14-1, 14-2a, 14-2, 14-2b, 14-3
MA.6.G.4.3	Determine a missing dimension of a plane figure or prism, given its area or volume and some of the dimensions, or determine the area or volume given the dimensions.	1-8, 12-1a, 12-1b, 14-4, 14-4b, 14-5, 14-6
MA.6.S.6.1	Determine the measures of central tendency (mean, median, mode) and variability (range) for a given set of data.	2-6, 2-7, 2-6b
MA.6.S.6.2	Select and analyze the measures of central tendency or variability to represent, describe, analyze and/or summarize a data set for the purposes of answering questions appropriately.	2-6, 2-7, and needs supplement

*check www.glencoe.com for additional supplemental lessons online