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**ROLLING HILLS LOCAL SCHOOL DISTRICT
CURRICULUM MAP**

Revised 2-27-01

SUBJECT: 8th Grade Math

Time Frame	Content Topics/Units	Skills/Key Points/Objectives	Assessment	Proficiency Outcomes
August/ September	Construction of Graphs:	Collecting data	Work must be shown on all	
	Bar, Histo, Picto, Circle Pattern Identification	Computing mean, median, mode Computing mean with a missing number Order of operations with simple number systems Apply problem-solving strategies and evaluate processes; use mathematical reasoning to validate	problems Answers must be labeled and explained 1-1 Practice (1-2, 1-3, 1-4, etc. for each set) 1-1 Study Guide (1-2; 1-3; 1-4 for each section) 5 minute check; 3 times a week Create data tables with collected data; put into bar graphs 1-1 Quiz; 1-2; 1-4; 1-7; etc. Mid Chapter Tests are free response Weekly section quizzes - free response (Teacher made and text)	M-10-4; M-10-1 M-10-12; M-10-6 M-10-15 M-10-16
October	Perimeter Polygons Circumference	Compute surface area, perimeter, area	2-1 Practice (and each section)	M-10-1
		Solve simple number sentences	2-1 Study Guide (and each section)	M-10-11
		Distinguish the 3-12 sided polygons		M-10-4
		Use order of operations to algebraically solve	5 minute check; 3 times a week Draw and label polygons to figure each area; perimeter, surface area	M-10-4
		Apply characteristics of congruent and similar figures	Chapter Tests are free response Weekly (Thursday) quizzes; Teacher made and text	M-10-9
November	Arithmetic	Compute with whole numbers, fractions and decimals	Chapter 3 Practice Sheets Chapter 3 Study Guide	M-10-2
		Compare, order, and determine	5 minute check; 3 times a week	M-10-1
		Solve and use proportions	Chapter 3 free response with work test	M-10-4
		Round numbers to the nearest thousand, hundred, ten, one, tenth, and hundredth	Chapter 3, weekly quizzes	M-10-3
		Solve problems and make applications involving percentages		