Julie Clewell

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: Bar, Histo, Picto, Circle Pattern Identification	Collecting data 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	Work must be shown on all 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 Solve simple number sentences Distinguish the 3-12 sided polygons Use order of operations to algebraically solve Apply characteristics of congruent and similar figures	2-1 Practice (and each section) 2-1 Study Guide (and each section) 5 minute check; 3 times a week Draw and label polygons to figure each area; perimeter, surface area Chapter Tests are free response Weekly (Thursday) quizzes; Teacher made and text	M-10-1 M-10-11 M-10-4 M-10-4 M-10-9
November	Arithmetic	Compute with whole numbers, fractions and decimals Compare, order, and determine Solve and use proportions Round numbers to the nearest thousand, hundred, ten, one, tenth, and hundredth Solve problems and make applications involving percentages	Chapter 3 Practice Sheets Chapter 3 Study Guide 5 minute check; 3 times a week Chapter 3 free response with work test Chapter 3, weekly quizzes	M-10-2 M-10-1 M-10-4 M-10-3