COURSE MAP – MATH 7

TESTED ITEMS

DISTRICT ASSESSMENT #1
Chapters Covered: 1
Objectives Tested:
1) Divide decimals
2) Convert units within a system (metric)
3) Recognize equivalences of metric measures
4) Add integers
5) Subtract integers
6) Multiply integers
7) Divide integers
8) Apply order of operations to problems
9) Determine measures of central tendency (mean, median, mode) in complex problems

DISTRICT ASSESSMENT #2
Chapters Covered: 2, 3, & 4
Objectives Tested:
1) Recognize and use $\leq$, $\geq$, and $\neq$
2) Write and evaluate powers (positive exponents)
3) Recognize exponents
4) Apply order of operations to problems (with exponents)
5) Identify greatest common factors
6) Identify least common multiples
7) Add/subtract mixed numbers
8) Multiply fractions
9) Use and determine reciprocals
10) Divide fractions
11) Recognize equivalences of standard measures
12) Convert units within a system (customary)

COURSE MAP – MATH 7

TESTED ITEMS

DISTRICT ASSESSMENT #3
Chapters Covered: 5, 6, 7, & 8
Objectives Tested:
1) Use ratio and proportion (rates, scale drawings, & similarity)
2) Relate and convert fractions to percents
3) Identify parallel, intersecting, and perpendicular lines
4) Measure/determine volume of rectangular prisms

DISTRICT ASSESSMENT #4
Chapters Covered: 9, 10, 11, & 12
Objectives Tested:
1) Based on data analysis, draw conclusions and develop convincing arguments
2) Make predictions based on analysis
3) Predict theoretical probability
4) Relate and compare theoretical probabilities
5) Express probability as decimals and/or percents
6) Relate and compare experimental probabilities
7) Use tree diagrams, tables, and systemic listing to count outcomes, choices, and possibilities