MATH 6 PACING

Lesson	Objective	Days	Level
Chapter 1: Decimals		**22**	
1-1	Recognize and name whole numbers to billions	6	D/T
1-2	Write whole numbers through billions		
1-2	Read and write decimals to thousandths and beyond		
1-3	Compare and order decimals to the nearest thousandth and beyond		
1-3	Identify equivalent decimals		
1-4	Round decimals to the nearest tenth and hundredth	3	D/T
1-6 / 1-7	Multiply decimals	4	D/T
1-8 & Skills Handbook	Multiply whole numbers 3 digit x 2 digit and beyond	2	D/T
1-8 / 1-9	Divide decimals	2	D
1-10	Apply order of operations to problems	2	I/D
Ch 1	Review, Quizzes, Test	3	---

DISTRICT ASSESSMENT 1 – Week of October 5

Lesson	Objective	Days	Level
Chapter 2: Patterns and Variables		**15**	
Throughout Chapter 2	Recognize and use Commutative, Associative and Distributive properties of addition and multiplication (numbers)	----	I/D
2-2 & 2-3	Use variables to represent missing values	4	D/T
2-5 & 2-6	Evaluate variable expressions through numerical substitutions / Solve for a variable in a formula with one step	2	I
2-8	Write and evaluate powers (exponents – positive) / Recognize exponents	3	D
2-8	Writing numbers in scientific notation	1	D
2-9	Properties: distributive $3*(2+4)=(3*2) + (3*4)$	2	D
Ch 2	Review, Quizzes, Test	3	---
Chapter 3: Number Theory and Fractions		**17**	
3-1	Test for Divisibility (2, 3, 4, 5, 6, 9, 10)	3	D/T
3-2	Express a number in its prime factorization form / Identify prime and composite	3	D/T
3-3	Identify greatest common factor	2	D
3-6	Identify least common multiple / Identify multiples	4	D / D/T
3-8	Relate and convert fractions to decimals	2	D/T
Ch 3	Review, Quizzes, Test	3	---

DISTRICT ASSESSMENT 2 – Week of December 7

Chapter 4: Adding and Subtracting Fractions		**10**	
4-1	Estimating sums and differences (benchmark fractions)	2	M/A
4-2	Fractions with like denominators	1	M/A
4-3	Fractions with unlike denominators	1	M/A
4-4	Add mixed numbers	2	D
4-5	Subtracting mixed numbers	2	D
Ch 4	Review & Test	2	---
Chapter 5: Multiplying and Dividing Fractions		**13**	
5-1 through 5-4	Multiply fractions Dividing fractions Use and determine reciprocals	6	D I/D D
5-5	Solving fraction equations by multiplying	2	D
5-6	Use logical reasoning (inductive and deductive)	2	D
Ch 5	Review, Quiz, Test	3	---
Chapter 6: Ratios, Proportions and Percents		**15**	
6-1 through 6-4	Use ratio and proportion (rates)	8	D
6-5	Estimate distances from a map (using a scale) Use ratio and proportion (scale drawing)	3	D/T D
6-6	Relate and convert decimals to percents	1	I/D
Ch 6	Review, Quiz, Test	3	---
Chapter 7: Data and Graphs		**14**	
7-1 7-2	Determine measures of central tendancy (mean, median, mode and range) in complex problems	2	D
7-4	Design various methods to gather data (bar and line graphs)	2	D
7-6	Examine basic credibility of data	2	I/D
7-7	Select an appropriate method of displaying data (stem & leaf)	2	I/D
7-8	Select an appropriate method of displaying data (box and whiskers)	1	I/D
7-8	Recognize that data can be manipulated	2	I/D
Throughout Chapter	Based on data analysis, draw conclusions and develop convincing arguments	---	I/D
Ch 7	Review, Quiz, Test	3	---
Chapter 8: Tools of Geometry		**22**	
8-1	Points, lines segments and rays Identifying parallel lines	2	M/A I/D
8-2	Measure angles to the nearest degree Identifying intersecting and perpendicular lines Determine angle measures using angle relationships	3	D/T I/D I
8-3	Recognize angle relationships (complimentary, supplementary, vertical, interior, transversals, external, congruent)	3	I/D
8-4	Classify triangles according to sides Classify triangles according to angles	3	D/T
8-5	Classifying quadrilaterals according to sides and/or angles Recognize and name special quadrilaterals and other polygons	4	D/T D/T
8-6	Use logical reasoning (inductive and deductive)	1	D
8-7	Identify similar shapes Use ratio and proportion (similarity)	3	D/T D
Ch 8	Review, Quizzes, Test	3	---

DISTRICT ASSESSMENT 3 – Week of April 19		
Chapter 9: Geometry and Measurement	**17**	
9-1 9-2	Recognize metric units of measurement Recognize equivalents between standard and metric measures Converts units within a system (quarts to cups, mm to cm)	3	D/T D I/D
9-4	Determine area of parallelograms Determine area of triangle Determine area of an irregular figure Determine area of trapezoids	3	I/D I/D I I/D
9-5 9-6	Identify and calculate radius and diameter Determine the circumference of a circle	4	D/T I/D
9-7	Identify and use relationships among parts of complex 2D figures (eg – parallel sides and congruent faces) Develop spatial sense: 2D and 3D (incl. draw & construct models)	3	I D/T
9-9	Measure / determine volume of rectangular prisms	1	D
Ch 9	Review, Quizzes, Test	3	---
Chapter 10: Quadratic Equations and Functions	**17**	
10-1	Recognize and name integers Determine absolute value of an integer	1	D/T D/T
10-2	Add integers	2	D
10-3	Subtract integers	2	D
10-4 & 10-5	Multiply integers Divide integers	2	I/D
10-6	Identify and locate objects using the rectangular coordinate system	3	D/T
10-7 through 10-9	Recognize and use functions	3	D/T
10-8	Write linear equations Graph the line representing the solution of a linear equation	1	I
Ch 10	Review, Quizzes, Test	3	---
DISTRICT ASSESSMENT 4 – Week of June 7		