

TFSD Curriculum Calendar 2009-2010

Middle School Math

Chapters	Skill or Concept	TFSD P.S.	State Standard
	Aug 24th 1st Day Activities		
	Aug 25th ARA Part I		
	Aug 26th District Pre-Test (Course 2 screening test)		
	Aug 27th Skills Exit Exam Pre-test		
	Aug 28th Issue Books, Syllabus, Rules		
1	Decimal and Integers	Standard 2 & 7	
	Estimation Strategies		7.M.1.3.1 7.M.1.3.6.
	Add, Subtract, Multiply and Divide Decimals / Properties		7.M.1.2.2 7.M.1.2.7 7.M.1.2.5 7.M.1.3.1
	Metric Measurements and Conversions		7.M.2.1.5 7.M.1.3.2 7.M.1.3.3
	Comparing and Ordering Integers		7.M.1.1.1 7.M.1.1.7 7.M.1.1.3 7.M.1.1.8
	Add, Subtract, Multiply and Divide Integers		7.M.1.2.2
	Order of Operations and Distributive Property		7.M.1.2.4 7.M.1.2.5
	Measures of Central Tendency		7.M.5.3.1 7.M.5.3.2
2	Exponents, Factors, and Fractions	Standard 2 & 3	
	Exponents and Order of Operation		7.M.1.2.3 7.M.1.2.4 7.M.1.2.7
	Prime Factorization		7.M.1.1.5 7.M.1.1.4 7.M.1.1.8
	Simplifying Fractions		7.M.1.2.1 7.M.1.2.7
	Comparing and Ordering Fractions		7.M.1.1.1 7.M.1.1.5 7.M.1.1.8
	Mixed Numbers and Improper Fractions		7.M.1.1.8
	Fractions and Decimals		7.M.1.1.2 7.M.1.1.1 7.M.1.1.8
	Rational Numbers		7.M.1.1.1
	Scientific Notation		7.M.1.2.7
3	Operations with Fractions	Standard 2	
	Estimating Fractions and Mixed Numbers		7.M.1.3.1 7.M.1.3.6

	Add, Subtract, Multiply and Divide Fractions / Mixed Numbers		7.M.1.2.2 7.M.1.3.1 7.M.1.2.7
	Changing Units in a Customary System		7.M.2.1.5
	Precision		7.M.2.1.7 7.M.2.1.1 7.M.2.1.2
4	Equations and Inequalities	Standard 6 & 8	
	Evaluating and Writing Expressions		7.M.3.1.1 7.M.3.1.2 7.M.3.2.1 7.M.3.2.2
	Using Number Sense to Solve Equations		7.M.3.2.1 7.M.3.3.1 7.M.1.3.1
	Solving Equations Using Addition, Subtraction, Multiplication and Division		7.M.3.3.1 7.M.3.1.1 7.M.3.1.2
	Exploring Two-Step Problems		7.M.3.1.2 7.M.3.1.1 7.M.1.2.6
	Solving Two-Step Equations		7.M.3.1.2 7.M.3.1.1 7.M.1.2.6
	Graphing and Writing Inequalities		7.M.3.1.3 7.M.3.3.1 7.M.3.5.1
	Solving Inequalities Using Addition, Subtraction, Multiplication and Division		7.M.3.3.1
5	Ratios, Rates, and Proportions	Standard 2	
	Ratios		7.M.1.1.8
	Unit Rates and Proportional Reasoning		7.M.2.2.2 7.M.1.3.1
	Proportions		7.M.1.1.8
	Solving Proportions		7.M.2.2.1 7.M.1.2.5
	Using Similar Figures		7.M.2.2.1
	Maps and Scale Drawings		7.M.2.2.1
6	Percents	Standard 2	
	Understanding Percents		7.M.1.1.2 7.M.1.1.8
	Percents, Fractions, and Decimals		7.M.1.1.2 7.M.1.1.1
	Percents > 100% & < 1%		7.M.1.1.2 7.M.1.3.1
	Finding % of a Number		7.M.1.2.2 7.M.1.2.5 7.M.1.3.1
	Solving % Problems Using Proportions		7.M.1.2.6
	Solving % Problems Using Equations		7.M.3.1.2 7.M.3.1.1 7.M.3.3.1 7.M.1.3.1
	Applications of %		7.M.1.2.6

7	Geometry	Standard 4	
	Lines and Planes		7.M.4.1.7
	Identifying and Classifying Angles		7.M.4.1.1 7.M.4.1.3 7.M.4.1.7
	Triangles		7.M.4.1.1 7.M.4.1.3 7.M.4.1.7
	Quadrilaterals and Other Polygons		7.M.4.1.1 7.M.4.1.7
	Congruent Figures		7.M.4.1.5 7.M.4.1.7
	Circles		7.M.4.1.1 7.M.4.1.7
	Circle Graphs		7.M.5.1.1 7.M.5.2.1 7.M.5.1.3
8	Measurement / Formula Usage	Standard 5	
	Estimating Perimeter and Area		7.M.2.1.2 7.M.2.1.6 7.M.2.1.7
	Area of a Parallelogram		7.M.2.1.4 7.M.2.1.6 7.M.2.1.7
	Perimeter and Area of a Triangle		7.M.2.1.4 7.M.2.1.6 7.M.1.3.1 7.M.2.1.7
	Area of Other Figures		7.M.2.1.4 7.M.2.1.7
	Circumference and Area of a Circle		7.M.2.1.4 7.M.2.1.7
	Square Roots and Irrational Numbers		7.M.1.2.5 7.M.1.1.8
	Three Dimensional Figures		7.M.4.1.7
	Surface Area of Prisms and Cylinders		7.M.4.1.6 7.M.4.1.7
	Volume of Prisms and Cylinders		7.M.4.1.6 7.M.4.1.7
9	Patterns and Rules		
	Patterns and Graphs		7.M.5.2.1 7.M.5.1.1
	Number Sequences		7.M.3.4.1 7.M.3.4.3
	Patterns and Tables		7.M.3.4.1 7.M.3.6.1
	Function Rules		7.M.3.4.1 7.M.3.6.1 7.M.3.4.3
	Using Tables, Rules, and Graphs		7.M.3.5.1 7.M.3.6.1
	Interpreting Graphs		7.M.5.1.1 7.M.3.5.1
10	Graphing in the Coordinate Plane	Standard 4	
	Graphing Points and the Four Quadrants		7.M.4.3.1
	Translations		7.M.4.1.4 7.M.4.1.7

	Line Symmetry and Reflections		7.M.4.1.4 7.M.4.1.7
	Rotational Symmetry and Rotations		7.M.4.1.4 7.M.4.1.7
11	Displaying and Analyzing Data	Standard 1	
	Reporting Frequency		7.M.5.2.1 7.M.5.1.3
	Spreadsheets and Data Displays		7.M.5.1.1 7.M.5.1.3
	Stem-and-Leaf Plots		7.M.5.1.1 7.M.5.2.1 7.M.5.1.3
	Samples and Surveys		7.M.5.1.1 7.M.5.1.3
	Exploring Scatter Plots		7.M.5.1.2 7.M.5.1.1 7.M.5.1.3

Chapter 12
 (optional depending on testing and other school activities)
 Probability can be during Apengea, Exploratory, or R and R,
 Math elective.

12	Using Probability	Standard 1	
	Probability		7.M.5.4.3 7.M.5.4.4
	Experimental Probability		7.M.5.4.1 7.M.5.4.4
	Sample Spaces / Counting Principal		7.M.5.4.4

Skills Exit Exam before Spring Break for next year placement.
 Feb 1st Students must achieve 80% or greater.
 Must have ARA Part I for all 7th grade April 7th.
 Students must achieve an 80% or greater to take Part 2
 If needed ARA Part 2 April 12th.
 Students must achieve a 75% or greater to move to Algebra I
 End of the year Course 2 Assessment
 (will be determined on August 18th)

Projected Window
Start Aug 31st TEST Sept 25th
Start Sept. 28th TEST Oct. 19th
Start Oct. 20th TEST Nov. 12th

Start Feb. 5th TEST Feb. 25th
Start Feb. 26th TEST Mar. 25th
Start Mar. 26th TEST Apr. 15th
Start Apr. 16th TEST Apr. 28th

Start Apr. 29th TEST May 17th

Start May 18th TEST May 28th