

Tazewell County's Sixth Grade Math Pacing Guide 2016-17

Unit 1 Aug 22- Oct 20		Unit 2 Oct 21- Dec 13		Unit 3 Dec 14- Feb 23		Unit 4 Feb 24- Mar 30	
SOL	Brief Description	SOL	Brief Description	SOL	Brief Description	SOL	Brief Description
6.7 3-4 days (ongoing throughout the year).	Problem solving strategies with single-step and multi-step practical problems. (This SOL includes dividing decimals).	6.5 3-4 days	Exponents and perfect squares.	6.12 1-2 days	Congruence.	6.18 6-7 days	Algebraic equations.
6.1 3-4 days	Using ratios to compare data.	6.8 3-4 days	Order of Operations.	6.11 5-6 days	Coordinate planes.	6.17 6-7 days	Geometric and arithmetic sequences
6.2 a b c d 11-12 days	Fractions, decimals, and percents.	6.3 a b c 3-4 days	Integers.	6.13 3-4 days	Quadrilaterals.	6.19 4-5 days	Properties (ongoing throughout the year).
6.6 a b 13-14 days	Computations of fractions and mixed numbers.	6.9 4-5 days	Compare and convert units and measure.	6.15 a b 6-7 days	Measures of central tendency.	6.20 4-5 days	Inequalities.
6.4 2-3 days	Representations of multiplication and division of fractions.	6.10 11-12 days	Circumference, area, perimeter, surface area, and volume.	6.14 a b c 7-8 days	Graphs.		
				6.16 a b 9-10 days	Probability.		
Max Time: 37 days plus 2 adjustment days =39 days		Max Time: 29 days plus 2 adjustment days =31 days		Max Time: 37 days plus 2 adjustment days = 39 days		Max Time: 24 days	SOL Review for the remainder of the year.

Tazewell County Public Schools

Math 6

Pacing Guide

2016-17

(Please refer to the Curriculum Framework for the details of each standard.)

Preparation

August 18-19

Introduction to Math 6

2 days

Unit 1

August 22 - October 20

SOL 6.7 Problem Solving Strategies-Decimals

3-4 days

SOL 6.1 Ratios

3-4 days

SOL 6.2 Fractions, Decimals, and Percents

11-12 days

SOL 6.6 Computation of Fractions

13-14 days

SOL 6.4 Multiplication/Division with Diagrams

2-3 days

Adjustment Day

2 days

Unit 1 Review

1 day

Unit 1 Benchmark/Unit Test

2 days

ARDT CAT Pre-Test (30 questions)

1 day

MAPS Testing

2 days

Total Days: 45 days

Unit 2

October 21 – Dec 13	SOL 6.5	Exponents and Perfect Squares	3-4 days
	SOL 6.8	Order of Operations	3-4 days
	ARDT Strand Test (Computation and Estimation)		
	SOL 6.3	Integers	3-4 days
	ARDT Strand Test (Number and Number Sense)		
	SOL 6.9	Compare and Convert Units of Measure	4-5 days
	SOL 6.10	Circumference, Area, Perimeter, Surface Area, and Volume	11-12 days
	Adjustment Day		2 days
	Unit 2 Review		1 day
	Unit 2 Benchmark/Unit Test		2 days
	MAPS Testing		2 days
		Total Days:	36 days

Unit 3

December 14 – February 23	SOL 6.12	Congruence	1-2 days
	SOL 6.11	Coordinate Planes	5-6 days
	SOL 6.13	Quadrilaterals	3-4 days
	ARDT Strand Test (Measurement/Geometry)		
	SOL 6.15	Measures of Center	6-7 days
	SOL 6.14	Circle Graphs	7-8 days
	SOL 6.16	Probability	9-10 days
	ARDT Strand Test (Probability and Statistics)		
	Adjustment Day		2 days
	Unit 3 Review		1 day
	Unit 3 Benchmark/Unit Test		2 days
		Total Days:	42 days

Unit 4

February 24 - March 30

SOL 6.18	Algebraic Equations	6-7 days
SOL 6.17	Geometric Sequences	6-7 days
SOL 6.19	Properties	4-5 days
SOL 6.20	Inequalities	4-5 days
ARDT Strand Test (Patterns, Functions, and Algebra)		
ARDT CAT Post-Test (30 questions)		1 day
MAPS Testing		2 days

Total Days: 27 days

- Notes:**
- 1) Benchmark/Unit Tests have two assessment days and one review day built into the pacing guide.
 - 2) ARDT strand tests (10 questions) will be administered after each strand is taught.
 - 3) ARDT pre/post tests (30 questions) have been calculated into the pacing guide.
 - 4) MAP tests (52 questions) have been calculated into the pacing guide.
 - 4) The pacing guide does not address a particular assessment date for the given tests.

Instructional Days:	133 days
Benchmark/Unit Reviews:	3 days
ARDT Pre/Post Tests:	2 days
Benchmark/Unit Tests:	6 days
MAP tests (Fall/Winter/Spring):	6 days
SOL Review Days:	30 days

Total Days: 180 days