

MATH TIMETABLE 2011-2012

Grade 7 Math

1st 6 weeks

29 Teaching Days

{ 1 teaching day = 45 minutes }

Number of Days	Concept	Topics	TEKS
2	First Day Procedures		
Unit 1: Graphs & Measures of Central Tendency			
2	First Day Procedures	Procedures	
2	Problem Solving Board and Venn Diagram Review	PSB/Venn Diagram	7.11A,B
2	Graphs	Bar, stem, leaf, line, circle	7.11 A,B
3	Central Tendencies and Justification	Mean, median, mode	7.12 A,B
1	TEST	Graphing, measures of central tendency	7.11 A,B 7.12 A,B
Unit 2: Fractions and Decimals			
4	Compare and Order Fractions. Decimal Conversions	Fractions and Decimals	7.1 A,B
1	Adding and Subtracting Decimals	Decimals	7.2 A,B
3	Adding and Subtracting Fractions	Fractions	7.2 A,B
1	Add and Subtract Decimals and Fractions	Decimals/Fractions	7.2 A,B
1	Multiply Decimals with models	Decimals	7.2 B
1	Divide Decimals with models	Decimals	7.2 B
2	Multiply/Divide Decimals (operations)	Decimals	7.2 B 6.2 D
1	Test	Multiply/Divide Decimals	7.2 B
1	Multiply Fractions (modeling)	Fractions	7.2 A,B
1	Divide Fractions (modeling)	Fractions	7.2 B
2	Multiply and Divide Fractions (operations)	Fractions	7.2 B 6.2 C, D
1	TEKS review	TEKS review	
Every Day		Problem Solving	7.2 F, G; 7.13 A, B, C; 7.14 A, B; 7.15 A, B

MATH TIMETABLE 2011-2012

Grade 7 Math

2nd Six Weeks

30 Teaching Days

{ 1 teaching day = 45 minutes }

Number of Days	Concept	Topics	TEKS
Unit 3: Rates, Ratios, & Proportional Relationships			
2	Ratios, rates, and unit rate	Ratios	7.2 D 6.2 C, D 6.3 A, C
3	Proportions	Unit Cost	7.2 D, 7.3B 7.4 A, B
1	TEKS review	Project	
2	Scale Factor	Scaling	7.3 B 6.2 D
1	Review	Ratios, Proportions, Scale Factor	7.2 D, 7.3 B 7.4 A, B
1	Test	Ratios, Proportions, Scale factor	7.2 D, 7.3 B, 7.4A, B
4	Applications and Percents	Percents	7.3 A 6.3 B, 6.4 A
2	Review		All thus far
2	TEKS check/benchmark		All thus far
Unit 4: Exponents, Integers, & Sequences			
2	Squares And Square Roots		7.1 C
1	Powers of Ten/ exponents		7.2 E
1	Order of Operations		7.2 E
1	Review	Squares, square roots, powers of ten, exponents, order of operations	7.1 C 7.2 E
1	Test	SEE ABOVE	7.1 C; 7.2 E
2	Sequencing and Patterns	Sequencing	7.4 C
2	Compare and Order Integers	Integers	7.1 A
1	Adding Integers (models)	Integers	7.2 C
1	Subtracting Integers (models)	Integers	7.2 C
1	Test	Sequences, integers	7.4C, 7.1A, 7.2C
Every Day		Problem Solving	7.2 F, G; 7.13 A, B, C; 7.14 A, B; 7.15 A, B

MATH TIMETABLE 2011-2012

Grade 7 Math

3rd 6 weeks

25 Teaching Days

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Number of Days	Concept	Topics	TEKS
Unit 5: Integer Operations & Coordinate Plane			
1	Adding and Subtracting Integers (operations)	Integers	7.2 C
1	Multiply and Divide Integers	Integers	7.2 C
2	Coordinate Plane	Graphing	7.7 A
1	Review/Test	Integers	7.2 C, 7.7 A
Unit 6: Equations			
2	Variables, Expressions, and writing equations	Expressions Equations	7.5 A,B 6.5 A
3	Formulate Equations	Equations	7.5 A 6.4 A
1	Solving equations by adding	Equations	7.5 A
1	Solving equations with pictures	Equations	7.5 A
2	Solving equations with subtraction	Equations	7.5 A
1	Solving equations by multiplying and Dividing	Equations	7.5 A
2	Equations Review +, -, *, /	Equations	7.5 A
2	TEST	Equations	7.5 A
4	TEKS/Semester review	TEKS Review	All thus far
2	Semester Assessment	Semester Assessment	All thus far
Every Day		Problem Solving	7.2 F, G 7.13 A, B, C 7.14 A, B 7.15 A, B

MATH TIMETABLE 2011-2012

Grade 7 Math

4th 6 weeks

28 Teaching Days

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Number of Days	Concept	Topics	TEKS
Unit 7: Transformations, Angles, 2-D Figures			
3	Transformations	Reflections, Translations	7.7 B
1	Transformations Review and Test	Reflections, Translations	7.7 B
2	Angle Measurements	Angles	7.6 A 6.6 A, 6.8 C
2	Properties of Triangles and Quadrilaterals	Triangles and Quadrilaterals	7.6 B 6.6B
3	Similar Figures	Similar Figures	7.6 B, C, D
2	TEST	Transformations, angles, triangles, quadrilaterals	7.7 B 7.6 A, B, C, D
Unit 8: Measurement & 3-D Figures			
3	Applications with Two- dimensional figures		7.9 A
2	Three-dimensional figures (include nets) PROPERTIES		7.6 C 7.8 A, B, C
4	Three – dimensional formulas		7.8 C 7.9 A, B, C
1	TEST (PT.1)	TEST	7.6 C 7.8 A, B, C 7.9 A, B, C
1	TEST (PT. 2)	TEST	7.6 C 7.8 A, B, C 7.9 A, B, C
4	TEKS Review	TEKS Review	All
Every Day		Problem Solving	7.2 F, G 7.13A, B, C 7.14A, B 7.15A, B

MATH TIMETABLE 2011-2012

Grade 7 Math

5th 6 weeks

32 Teaching Days

{ 1 teaching day = 45 minutes }

Number of Days	Concept	Topics	TEKS
Unit 9: Probability			
10	Probability	Theoretical and Experimental, Simple Events, Independent Events	7.10 A,B 7.11 B 6.9 A
2	TEST	Probability	7.10 A,B 7.11 B
Unit 10: TEKS Re-teach based on Student Assessment Data			
20	TEKS Review 6 th grade	TEKS Review 6 th grade	Based on Student Assessment Data
Every Day		Problem Solving	7.2 F, G 7.13A, B, C 7.14A, B 7.15A, B

MATH TIMETABLE 2011-2012

Grade 7 Math

6th 6 weeks

19 Teaching Days

{ 1 teaching day = 45 minutes }

Number of Days	Concept	Topics	TEKS
19	Fraction and Decimal Operations	Operations	8.2A, B, C
Every Day		Problem Solving	7.2 F, G 7.13A, B, C 7.14A, B 7.15A, B