
MATH TIMETABLE 2011-2012

Geometry

1st six-weeks
15 Teaching Days

Number of Days	TEKS	Concept
1	NONE	BASIC GEOMETRY INTRODUCTION/Algebra Review/School and classroom rules
2	G.1A, G.7A	Basic Definitions Holt 1.1, 3.1, 4.1, 6.1
2	G.1B	Historical Development – Research Project Library / Computer Lab work
Unit 2		
1		Assessment including Algebra Review
2	G.2B	Facts including 1.4, 4.2 and 4.8 (no transformations)
2	G.2A, G.7A	Construction 1.2, 1.3, 3.3 Lab, 3.4 Lab, 6.1 Lab
2	*G.6A, G.6B	10.1, Nets 10.3 and 10.3 Lab
1	G.4A	Assessment (G.4A)
Unit 3		
1	G.3D	Inductive Reasoning 2.1
1	G.3A, G.3B, G.3C	Conditional Statements 2.2
Every Day	G 4(A) G.5(B), and G.8(F),	Problem Solving

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Geometry

2nd six-weeks
15 Teaching Days

Number of Days	TEKS	Concept
Unit 3 continued		
2	G.3E	2.3 Deductive Reasoning (Law of Detachment) (Law of Syllogism) Project
1	G.3B	Biconditional Statements 2.4
3	G.3B, G.3C, G.3E	Assessment(Reasoning), Begin Proofs 2.5, 2.6, 2.7 Review
1		Assessment (Reasoning, Proofs)
Unit 4		
1	G.6C	Isometric and Orthographic (only) drawing 10.2
1	G.9D	Formulas in 3D 10.3, 10.3 Lab
1	G.5A	Numeric and Geometric patterns (make own lessons)
1	*G.5B	Patterns (over 6.1)
1		Review for 2 nd 6-week test
1		Assessment
Unit 5		
1	*G.7B	Parallel Lines, Equations of Lines, 3.5
1	*G.7B	Parallel Lines, Equations of Lines 3.6
Every Day	G 4(A) G.5(B), and G.8(F),	Problem Solving

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Geometry

3rd six-weeks
15 Teaching Days

Number of Days	TEKS	Concept
Unit 5 continued		
1	G.7C	Distance/Midpoint 1.6
1	*G.8C	Pythagorean Theorem 5.7
2	*G.8A, G.8F, *G.11D	Area of Polygons 1.5, 9.1, 9.2 (For regular polygons give apothem and a side to practice with formula. Bring back in with special rights for calculations.), 9.3, 9.4, 9.5
1	*G.8B	Circle 11.2, 11.3
1		Review
1		Assessment
Unit 6		
3	*G.8D, G.8F,	Surface Area, Volume, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8
1	G.8E	Geo Probability 9.6
1		Review
1		Assessment/Project
2		Midterm Review/Test A/B
Every Day	G 4(A) G.5(B), and G.8(F),	Problem Solving

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Geometry

4th six-weeks
15 Teaching Days

Number of Days	TEKS	Concept
Unit 7		
1	G.9A	Parallel with transversal 3.2, 3.3, 3.4
1	G.11A, G.11B, *G.11C	Ratio, Proportions, Similar Triangles 7.1, 7.2
3	G.11A, G.11B, *G.11C	7.3,7.4,7.5,8.1, Review
1		Assessment
Unit 8		
1	G.5C, *G.10A	Dilation/reflection/translation, 1.7, 12.1, 12.2
1	G.5C, *G.10A	Rotation, Compositions 12.3, 12.4
1	G.5C, *G.10A	Symmetry/ Tessellations 12.5, 12.6
1	G.5C, *G.10A	Dilation 7.6, 12.7
1	G.5C	Tessellation Project
1		Review
1		Assessment
Unit 9		
1	G.9C	Basic Circles 11.1
1	G.9C	Circles 11.4, 11.5
Every Day	G 4(A) G.5(B), and G.8(F),	Problem Solving

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Geometry

5th six-weeks
15 Teaching Days

Number of Days	TEKS	Concept
Unit 9 continued		
1	G.9C	Circles 11.6, 11.7 (fit in a circle assessment?)
2	G.9B	Parallelograms 6.2, 6.3, 6.4, 6.5
1	G.9B	Kites/Trapezoids 6.6, Review
1		Assessment
Unit 10		
1	G.10B	Congruent Triangles 4.2, 4.3
1	G.10B	Triangles 4.4, 4.5, 4.6
2	G.9B	Triangle parts 5.1, 5.2, 5.3, (patty paper)
1	G.9B	Triangles 5.4, 5.6
1	*G.5D	Special Rights 5.8
2	*G.5D	Trigonometry 8.2, 8.3, 8.4
1		Review
1		Assessment
Every Day	G 4(A) G.5(B), and G.8(F),	Problem Solving

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Geometry

6th six-weeks
15 Teaching Days

Number of Days	TEKS	Concept
2		TAKS Testing
1	2A.4A	Identifying functions: Linear, Absolute value, Quadratic Engaging Mathematics Algebra II
1	2A.4A	Writing Equations of Lines Engaging Mathematics Algebra II
1	2A.4A	Parent Functions: Linear, Absolute value, Quadratic Engaging Mathematics Algebra II
1	2A.4B	Transformations: Linear, Absolute value, Quadratic Engaging Mathematics Algebra II
2	2A.4B	Graphing Lines Engaging Mathematics Algebra II
1	2A.4C	Inverse Functions Engaging Mathematics Algebra II
2	2A.1A	Domain and Range Engaging Mathematics Algebra II
1	2A.1B	Functions: Table, mapping diagram, equation, graph Engaging Mathematics Algebra II
1	2A.1B	Interpreting graphs: Scatter Plots Engaging Mathematics Algebra II
2	2A.1B	Linear Inequality: Graphs Engaging Mathematics Algebra II
		Final Exam
Every Day	G 4(A) G.5(B), and G.8(F),	Problem Solving