

Geometry Concepts H1N1

2009 - 2010

1st Six Weeks

<http://www.classzone.com>
<http://www.purplemath.com>

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Aug 24 <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">Opening Day Procedures School Business</div>	Aug 25	Aug 26 9.1 Translate Figures	Aug 27 9.3 Perform Reflections	Aug 28 9.4 Perform Rotations
		<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 90%;">Go to purplemath.com Lesson index – Beginning Algebra x,y-Plane</div> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;">Coordinate Plane and Transformation (Section 4.8)</div>		
Aug 31 9.5 Apply Compositions of Transformations	Sept 1 9.6 Identify Symmetry	Sept 2 9.7 Identify & Perform Dilations	Sept 3 <small>Late start</small> Review 9.1-9.7	Sept 4 Assessment
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 90%;">Coordinate Plane and Transformation (Section 4.8)</div>				
Sept 7 STUDENT HOLIDAY	Sept 8 1.1 Identify Points Lines & Planes	Sept 9 Solving 1 Variable Equations	Sept 10 1.2 Use Segments & Congruence	Sept 11 1.2 cont.
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 90%;">Basic Elements of Geometry 1.1 – 1.5</div>				
Sept 14 1.3 Midpoints	Sept 15 1.3 cont	Sept 16 1.3 cont.	Sept 17 <small>Late start</small> 1.4 Measure & Classify Angles (Ch 1 Resource Pg 49 & Fold an angle bisector Act.Pg 27)	Sept 18 <small>early release</small> 1.4 Measure & Classify Angles (Ch 1 Resource Pg 49 & Fold an angle bisector Act.Pg 27)
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 90%;">Basic Elements of Geometry – Infuse Algebra I – Solving Equations (one variable)</div>				
Sept 21 1.4 cont	Sept 22 1.5 Describe Angle Pair Relationships	Sept 23 1.5 cont.	Sept 24 Review	Sept 25 Assessment
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 90%;">Basic Elements of Geometrv</div>				
Sept 28	Sept 29	Sept 30	Oct 1	Oct 2
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 90%;">Go to purplemath.com Lesson index – Beginning Algebra Topics – Slope of a straight line Slope and Graphing Slope and y-intercept Solving Linear Equations Straight-line equations</div>				
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 90%;">Patterns – Rates - Slopes</div>				

Geometry Concepts H1N1

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2nd Six Weeks

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Oct 5	Oct 6	Oct 7	Oct 8 Late Start Linear Review cont.	Oct 9 early release Assessment: Linear
Go to purplemath.com Lesson index – Beginning Algebra Topics – Slope of a straight line Slope and Graphing Slope and y-intercept Solving Linear Equations Straight-line equations				
Patterns – Rates – Slopes - Regressions and Equations, Direct Variation				
Oct 12	Oct 13	Oct 14	Oct 15	Oct 16
Student Holiday Staff Development	Go to purplemath.com Lesson index – Beginning Algebra Topics – Slope of a straight line Slope and Graphing Slope and y-intercept Solving Linear Equations Straight-line equations			
	Patterns – Rates – Slopes – Regressions and Equations			
Oct 19	Oct 20	Oct 21 TAKS Exit retake	Oct 22 Late Start	Oct 23
Go to purplemath.com Lesson index – Beginning Algebra Topics – Solving Systems of Linear Equations Systems-of-equations word problems Graphing Systems of Linear Inequalities				
Writing Systems of Equations				
Systems of Equations – writing, solving, graphing				
Oct 26	Oct 27	Oct 28	Oct 29	Oct 30
CDB #1: Please allow one day for testing and one day for analysis. (Testing window Oct 26-Oct 30)		Go to purplemath.com Lesson index – Beginning Algebra Topics – Solving Systems of Linear Equations Systems-of-equations word problems Graphing Systems of Linear Inequalities		
Systems of Equations – writing, solving, graphing				
Nov 2	Nov 3	Nov 4	Nov 5	Nov 6 early release
Go to purplemath.com Lesson index – Beginning Algebra Topics – Solving Systems of Linear Equations Systems-of-equations word problems Graphing Systems of Linear Inequalities			3.1 Identifying Pairs of Lines & Angles	3.2 Use Parallel Lines & Transversals
Systems of Equations – writing, solving, graphing			Parallel lines – Intersecting Lines. Start with the Algebra and move into the Geometry	
Nov 9	Nov 10	Nov 11	Nov 12	Nov 13
3.2 cont	3.4 Find & Use Slopes of Lines	3.4 Investigating Slope	3.5 Write & Graph Equations of Lines	3.6 Perpendicular Lines
Parallel lines – Intersecting Lines. Start with the Algebra and move into the Geometry			Perpendicular Lines	

Geometry Concepts H1N1

2009 - 2010

3rd Six Weeks

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Nov 16 Review	Nov 17 Assessment: Parallel & Perpendicular Lines	Nov 18	Nov 19	Nov 20
		Go to purplemath.com Lesson index – Beginning Algebra Topics – Graphing Linear Inequalities Inequalities: Linear Graphing Systems of Linear Inequalities inequalities – inequality review		
Nov 30	Dec 1	Dec 2	Dec 3 Review	Dec 4 Assessment: Inequalities
		Go to purplemath.com Lesson index – Beginning Algebra Topics – Graphing Linear Inequalities Inequalities: Linear Graphing Systems of Linear Inequalities inequalities – inequality review		
Dec 7 5.5 Using Inequalities in a Triangle	Dec 8 4.1 Applying Triangle Sum Properties	Dec 9 4.7 Isosceles & Equilateral Triangles	Dec 10 4.7 cont.	Dec 11 7.1 Apply the Pythagorean Theorem
Triangles (not special rights) – inequalities – inequality review Chapter 4.1, 4.2, 4.7, 5.5		Triangle Properties		
Dec 14 7.1 Apply the Pythagorean Theorem	Dec 15 7.1 Apply the Pythagorean Theorem	Dec 16 7.2 Converse of the Pythagorean Theorem	Dec 17 7.2 Converse of the Pythagorean Theorem	Dec 18 Assessment: Pythagorean Theorem
Pythagorean Theorem – Special Right Triangles				
Dec 19th – Jan 3rd: WINTER BREAK				
Jan 4 7.4 Special Right Triangles (45-45-90)	Jan 5 7.4 Special Right Triangles (30-60-90)	Jan 6 7.4 Special Right Triangles	Jan 7	Jan 8 Semester Exam Review
Pythagorean Theorem – Special Right Triangles				
Jan 11 Semester Exam Review	Jan 12 Semester Exams: CDB #2	Jan 13 Semester Exams: CDB #2	Jan 14 Semester Exams: CDB #2	Jan 15 Semester Exams: CDB #2

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2009 - 2010

4th Six Weeks

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Jan 18	Jan 19	Jan 20	Jan 21	Jan 22
Teacher & Student Holiday	CDB #3 Practice TAKS: Allow 4 days for testing (Test window Jan 19 - Feb 3 or Feb 16 – March 3)			
Jan 25	Jan 26	Jan 27	Jan 28	Jan 29
Go to purplemath.com Lesson index – Beginning Algebra Topics – Graphing Quadratic Equations Solving Quadratic Equations Factoring Quadratics				
Quadratics – Area, transformations of “a” and “c”, Solving (solutions) CTD 9 th , 10 th , and 11 th Lesson 11				
Feb 1	Feb 2	Feb 3	Feb 4	Feb 5 early release Assessment
Go to purplemath.com Lesson index – Beginning Algebra Topics – Graphing Quadratic Equations Solving Quadratic Equations Factoring Quadratics				
Quadratics – Area, transformations of “a” and “c”, Solving (solutions) CTD 9 th , 10 th , and 11 th Lesson 11				
Feb 8 (8.1) Angle Sum Activity	Feb 9 8.1 Finding Angle Measures of Polygons	Feb 10 8.1 Finding Angle Measures of Polygons	Feb 11 8.2 Properties of Parallelograms	Feb 12 8.2 Properties of Parallelograms
Polygons/Quadrilaterals – Chapter 8				
Feb 15 STUDENT HOLIDAY/ STAFF DEVELOPMENT	Feb 16 8.4 Rhombus, Rectangles & Squares	Feb 17 8.5 Properties of Trapezoids & Kites	Feb 18 Review	Feb 19 Assessment: Quadrilaterals
Polygons/Quadrilaterals – Chapter 8				
Feb 22 11.1 Areas of Triangles & Parallelograms	Feb 23 11.1 Areas of Triangles & Parallelograms	Feb 24 11.2 Areas of Trapezoids & Rhombuses	Feb 25 11.2 Areas of Trapezoids & Rhombuses	Feb 26 11.2 Areas of Trapezoids & Rhombuses
2D Area Quadratics				

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5th Six Weeks

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
<p>Mar 1 Review</p> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 10px; text-align: center;">2D Figures</div>	<p>Mar 2 Assessment: Area of 2D Figures</p>	<p>Mar 3 <i>ELA TAKS</i></p>	<p>Mar 4 TAKS Exit retests 12.1 Exploring Solids</p> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 10px; text-align: center;">3D Solids (Integrate Similarity)</div>	<p>Mar 5 12.1 Exploring Solids</p>
<p>Mar 8</p> <div style="border: 1px solid black; width: 100%; height: 80px; margin-top: 10px; padding: 5px;"> CDB #4 Allow one day for test and one day for analysis (Window for CDB #4 March 8 – 26 or May 10 – 19) </div>	<p>Mar 9</p>	<p>Mar 10 12.2 Surface Area of Prisms & Cylinders</p>	<p>Mar 11 12.2 Surface Area of Prisms & Cylinders</p>	<p>Mar 12 12.2 Surface Area of Prisms & Cylinders</p>
<p>Mar 22</p>	<p>Mar 23</p>	<p>Mar 24</p>	<p>Mar 25</p>	<p>Mar 26</p>
<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;">12.3 Surface Area of Pyramids & Cones</div> <div style="border: 1px solid black; width: 100%; height: 20px;">3D Solids: Integrate Similarity</div>				
<p>Mar 29</p> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 10px; text-align: center;">12.4 Volume of Prisms & Cylinders</div>	<p>Mar 30</p>	<p>Mar 31</p> <div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 10px; text-align: center;">12.5 Volume of Pyramids & Cones</div>	<p>Apr 1</p>	<p>Apr 2 Teacher & Student Holiday</p>
<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;">3D Solids: Integrate Similarity</div>				
<p>Apr 5 Review</p>	<p>Apr 6 Assessment</p>	<p>Apr 7 Probability</p>	<p>Apr 8 Probability</p>	<p>Apr 9 early release Percents</p>
<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;">3D Solids: Integrate Similarity</div> <div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px; text-align: center;"> For TAKS Study Guide Material copy and paste this link into your web browser: http://ritter.tea.state.tx.us/student.assessment/resources/guides/study/G9MathE-SG.pdf </div> <div style="border: 1px solid black; width: 100%; height: 20px; text-align: center;">TAKS Review</div>				
<p>Apr 12 Percents</p>	<p>Apr 13</p>	<p>Apr 14</p>	<p>Apr 15</p>	<p>Apr 16</p>
<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"> For TAKS Study Guide Material copy and paste this link into your web browser: http://ritter.tea.state.tx.us/student.assessment/resources/guides/study/G9MathE-SG.pdf </div> <div style="border: 1px solid black; width: 100%; height: 20px; text-align: center;">TAKS: Probability/Stats, Percents, Applications of Percents (discounts): Ratios & Rates, Similarity</div>				

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6th Six Weeks

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Apr 19	Apr 20	Apr 21	Apr 22	Apr 23
For TAKS Study Guide Material copy and paste this link into your web browser: http://ritter.tea.state.tx.us/student.assessment/resources/guides/study/G9MathE-SG.pdf				Teacher & Student Holiday
TAKS: Probability/Stats, Percents, Applications of Percents (discounts): Ratios & Rates, Similarity				
Apr 26 TAKS Review	Apr 27 TAKS GR 10 TAKS	Apr 28 TAKS EXIT TAKS	Apr 29 TAKS GR 9 TAKS	Apr 30 TAKS
May 3 10.1 Use Properties of Tangents	May 4 10.2 Find Arc Measures	May 5 10.3 Apply Properties of Chords	May 6 10.4 Use Inscribed Angles & Polygons	May 7 early release 10.5 Apply Other Angle Relationships in Circles
Circles (include area of sectors, arc length)				
May 10 10.7 Write & Graph Equations of Circles	May 11 Review	May 12 Assessment	May 13 4.1 & 4.2 Triangle Sum & Congruence	May 14 4.1 & 4.2 Triangle Sum & Congruence
Circles			Triangle Congruence	
May 17 4.1 & 4.2 Triangle Sum & Congruence	May 18 4.3 & 4.4 (SSS, SAS, HL)	May 19 Sect 4.5 (ASA, AAS)	May 20 Sect 4.5 (ASA, AAS)	May 21 Triangle Congruence cont.
May 24 Review 4.1-4.5	May 25 Assessment	May 26 Review semester exams	May 27 Review semester exams	May 28 Review semester exams Begin Semester Exams
Triangle Congruence				
May 31 Teacher & Student Holiday	June 1 Semester Exams	June 2 Semester Exams	June 3 Semester Exams	June 4 Student Holiday Teacher Workday