

Geometry

Curriculum Guide

To support strong classroom instruction, the TDOE has created instructional focus documents for mathematics. These documents were developed to target the mathematics standards where statewide data indicated students struggled the most and are optional supplements for educators to consider. The purpose of these documents is to provide teachers with examples of learning across all performance levels to help educators determine the depth of a student's conceptual understanding of the Tennessee mathematics standards. You may access these documents using this link: <https://www.tn.gov/education/instruction/academic-standards/mathematics-standards.html>

Best for All Central is designed to be a one-stop shop for academic needs. <https://bestforall.tnedu.gov/explore-standards>

1 st Quarter				
Topic 1 Foundations of Geometry				
Standard(s)	Learning Objective(s)	Savvas Alignment	Assessments	Pacing
G.CO.C.B G.N.Q.A.1	- Use the Ruler and Segment Addition Postulates - Use the Protractor and Angle Addition Postulates - Identify congruent segments and congruent angles	1-1 Measuring Segments and Angles pg 5-13	- Topic 1 Readiness Assessment - Standards Practice Week 1 - Lesson Quiz 1-1 - Assigned Practice problems 1-1 Reteach to Build Understanding 1-1 Additional Practice 1-1 Enrichment	4 days
G.CO.D.11 G.CO.D.12	- Construct copies of segments and angles, perpendicular bisectors of segments, and bisectors of angles - Apply constructions to solve problems	1-2 Basic Constructions pg 14-21	- Standards Practice Week 1 - Lesson Quiz 1-2	3 days

			- Assigned Practice problems 1-2 Reteach to Build Understanding 1-2 Additional Practice 1-2 Enrichment	
G.CO.C.8	- Prove the Perpendicular Bisector Theorem, the Angle Bisector Theorem, and their converses - Use the Perpendicular Bisector Theorem to solve problems - Use the Angle Bisector Theorem to solve problems	5-1 Perpendicular and Angle Bisectors pg 201-208	- Topic 5 Readiness Assessment - Standards Practice Week 12 - Lesson Quiz 5-1 - Assigned Practice problems 5-1 Reteach to Build Understanding 5-1 Additional Practice 5-1 Enrichment	2 days
G.GPE.A.1 G.GPE.A.3 G.N.Q.A.1.a G.N.Q.A.1.b G.N.Q.A.1.c	- Use the midpoint formula to find the midpoint of a segment drawn on the coordinate plane - Use the distance formula to find the length of a segment drawn on the coordinate plane	1-3 Midpoint and Distance pg 22-27	- Standards Practice Week 2 - Lesson Quiz 1-3 - Assigned Practice problems 1-3 Reteach to Build Understanding 1-3 Additional Practice 1-3 Enrichment	2 days
G.CO.C.8	Use deductive reasoning to prove geometric theorems about lines and angles	1-7 Writing Proofs pg 51-57	- Standards Practice Week 3 - Lesson Quiz 1-7 - Assigned Practice problems 1-7 Reteach to Build Understanding 1-7 Additional Practice 1-7 Enrichment	3 days
Topic 1 standards	Topic 1 Learning Objectives assessed	Review and assessment Topic 1 pg 64-67	Topic 1 TEST	3 days

Topic 2 Parallel and Perpendicular Lines

G.CO.C.8	- Define parallel lines using the undefined terms point and line - Prove theorems about lines and angles - Use theorems to find the measures of angles formed by parallel lines and a transversal	2-1 Parallel Lines pg 71-77	- Topic 2 Readiness Assessment - Standards Practice Week 4 - Lesson Quiz 2-1 - Assigned Practice problems 2-1 Reteach to Build Understanding 2-1 Additional Practice 2-1 Enrichment	3 days
G.CO.C.8	- Prove that two lines cut by a transversal are parallel using the converses of parallel line angles relationship theorems - Use properties of parallel lines and transversals to solve real-world and mathematical problems - Write and use flow proofs	2-2 Proving Lines Parallel pg 78-84	- Standards Practice Week 4 - Lesson Quiz 2-2 - Assigned Practice problems 2-2 Reteach to Build Understanding 2-2 Additional Practice 2-2 Enrichment	2 days
G.CO.C.9	- Use lines constructed parallel to another line to solve problems and prove theorems - Use the sum of the angle measures in a triangle to solve problems	2-3 Parallel Lines and Triangle Angle Sums pg 85-91	- Standards Practice Week 5 - Lesson Quiz 2-3 - Assigned Practice problems 2-3 Reteach to Build Understanding 2-3 Additional Practice 2-3 Enrichment	2 days
G.CO.C.8 G.CO.C.9 G.CO.D.12	- Prove that the point of concurrency of the perpendicular bisectors of a triangle, called the circumcenter, is equidistant from the vertices - Prove that the point of concurrency of the angle bisectors of a triangle, called the incenter, is equidistant from the sides	5-2 Bisectors in Triangles pg 209-216	- Standards Practice Week 12 - Lesson Quiz 5-2 - Assigned Practice problems 5-2 Reteach to Build Understanding 5-2 Additional Practice 5-2 Enrichment	2 days

G.CO.C.9	- Identify special segments in triangles and understand theorems about them - Find and use the point of concurrency of the medians of a triangle to solve problems and prove relationships in triangles - Find the point of concurrency of the altitudes of a triangle	5-3 Medians and Altitudes pg 218-225	- Standards Practice Week 13 - Lesson Quiz 5-3 - Assigned Practice problems 5-3 Reteach to Build Understanding 5-3 Additional Practice 5-3 Enrichment	2 days
G.CO.C.9	- Prove that the side lengths of a triangle are related to the angle measures of the triangle - Use the angle measures of a triangle to compare the side lengths of the triangle - Use the Triangle Inequality Theorem to determine if three given side lengths will form a triangle and to find a range of possible side lengths for a third side given two side lengths	5-4 Inequalities in One Triangle pg 226-232	- Standards Practice Week 13 - Lesson Quiz 5-4 - Assigned Practice problems 5-4 Reteach to Build Understanding 5-4 Additional Practice 5-4 Enrichment	2 days
G.GPE.A.2	- Show that two lines in the coordinate plane are parallel by comparing their slopes, and use that information to solve problems - Show that two lines in the coordinate plane are perpendicular by comparing their slopes, and use that information to solve problems	2-4 Slopes of Parallel and Perpendicular Lines pg 92-98	- Standards Practice Week 6 - Lesson Quiz 2-4 - Assigned Practice problems 2-4 Reteach to Build Understanding 2-4 Additional Practice 2-4 Enrichment	4 days
Topic 2 Standards	Topic 2 Learning Objectives Assessed	Review and assessment Topic 2 pg 100-101	Topic 2 TEST	3 days
Topic 3 Transformations				
G.CO.A.1 G.CO.A.3 G.CO.A.4 G.CO.B.5	- Find a reflected image and write a rule for a reflection - Define reflection as a transformation across a line of reflection with given properties and perform reflections on and off a coordinate grid	3-1 Reflections pg 105-112	- Topic 3 Readiness Assessment - Standards Practice Week 7 - Lesson Quiz 3-1 - Assigned Practice problems 3-1 Reteach to Build Understanding	3 days

			• 3-1 Additional Practice • 3-1 Enrichment	
G.CO.A.1 G.CO.A.3 G.CO.A.4 G.CO.B.5	• Translate a figure and write a rule for a translation • Find the image of a figure after a composition of rigid motions • Prove that a translation is a composition of two reflections	3-2 Translations pg 113-120	• Standards Practice Week 7 • Lesson Quiz 3-2 • Assigned Practice problems • 3-2 Reteach to Build Understanding • 3-2 Additional Practice • 3-2 Enrichment	2 days
G.CO.A.1 G.CO.A.3 G.CO.A.4 G.CO.B.5	• Rotate a figure and write a rule for a rotation • Prove that a rotation can be written as the composition of two reflections	3-3 Rotations pg 121-128	• Standards Practice Week 8 • Lesson Quiz 3-3 • Assigned Practice problems • 3-3 Reteach to Build Understanding • 3-3 Additional Practice • 3-3 Enrichment	3 days
G.CO.A.4 G.CO.B.5	• Specify a sequence of transformations that will carry a given figure onto another • Use geometric descriptions of rigid motions to transform figures	3-4 Classification of Rigid Motions pg 129-135	• Standards Practice Week 8 • Lesson Quiz 3-4 • Assigned Practice problems • 3-4 Reteach to Build Understanding • 3-4 Additional Practice • 3-4 Enrichment	2 days
G.CO.A.4 G.CO.B.5	• Describe the rotations and/or reflections that carry a polygon onto itself • Predict the effect of a given rigid motion on a figure • Identify types of symmetry in a figure	3-5 Symmetry pg 136-141	• Standards Practice Week 9 • Lesson Quiz 3-5 • Assigned Practice problems • 3-5 Reteach to Build Understanding • 3-5 Additional Practice • 3-5 Enrichment	2 days

Topic 3 Standards	Topic 3 Learning Objectives Assessed	Review and assessment Topic 3 pg 143-145	Topic 3 TEST	3 days
2nd Quarter				
Topic 4 Triangle Congruence				
Standard(s)	Learning Objective(s)	Savvas Alignment	Assessments	Timeframe
G.CO.A.4 G.CO.B.5 G.CO.B.6	- Relate congruence to rigid motions - Demonstrate that two figures are congruent by using one or more rigid motions to map one onto the other	4-1 Congruence pg 149-156	- Topic 4 Readiness Assessment - Standards Practice Week 10 - Lesson Quiz 4-1 - Assigned Practice problems 4-1 Reteach to Build Understanding 4-1 Additional Practice 4-1 Enrichment	2 days
G. CO.C.9	- Use properties of and theorems about isosceles and equilateral triangles to solve problems - Identify congruent triangles using properties of isosceles and equilateral triangles	4-2 Isosceles and Equilateral Triangles pg 157-165	- Standards Practice Week 10 - Lesson Quiz 4-2 - Assigned Practice problems 4-2 Reteach to Build Understanding 4-2 Additional Practice 4-2 Enrichment	1 day
G.CO.A.4 G.CO.B.5 G.CO.B.6 G.CO.B.7 G.SRT.B.3	- Prove triangle congruence by SAS and SSS criteria and use triangle congruence to solve problems - Understand that corresponding parts of congruent triangles are congruent and use CPCTC to prove theorems and solve problems	4-3 Proving and Applying the SAS and SSS Congruence Criteria pg 167-173	- Standards Practice Week 10 - Lesson Quiz 4-3 - Assigned Practice problems 4-3 Reteach to Build Understanding 4-3 Additional Practice 4-3 Enrichment	2 days
G.CO.A.4 G.CO.B.5	Prove that two triangles are congruent using ASA and AAS criteria and apply ASA to solve problems	4-4 Proving and Applying the ASA and AAS Congruence Criteria pg 174-181	Standards Practice Week 11	2 days

G.CO.B.6 G.CO.B.7 G.SRT.B.3	Prove that when all corresponding sides and angles of two polygons are congruent, the polygons are congruent		- Lesson Quiz 4-4 - Assigned Practice problems 4-4 Reteach to Build Understanding 4-4 Additional Practice 4-4 Enrichment	
G.CO.B.6 G.CO.B.7 G.CO.C.9 G.SRT.B.3	- Prove and use the Hypotenuse-Leg Theorem - Use congruence criteria for triangles to solve problems and to prove relationships in geometric figures	4-5 Congruence in Right Triangles pg 182-187	- Standards Practice Week 11 - Lesson Quiz 4-5 - Assigned Practice problems 4-5 Reteach to Build Understanding 4-5 Additional Practice 4-5 Enrichment	2 days
G.SRT.B.3	- Apply congruence criteria to increasingly difficult problems involving overlapping triangles and multiple triangles - Prove triangles are congruent by identifying corresponding parts and using theorems	4-6 Congruence in Overlapping Triangles pg 188-193	- Standards Practice Week 11 - Lesson Quiz 4-6 - Assigned Practice problems 4-6 Reteach to Build Understanding 4-6 Additional Practice 4-6 Enrichment	1 day
Topic 4 Standards	Topic 4 Learning Objectives assessed	Review and assessment Topic 4 pg 194-197	Topic 4 TEST	2 days
Topic 6 Quadrilaterals and other Polygons				
G.CO.C.9	- Show that the sum of the exterior angles of a polygon is 360 and use that to solve problems - Show that the sum of the interior angles of a polygon is the product of 180 and two less than the number of sides, and use that to solve problems	6-1 The Polygon Angle-Sum Theorem pg 245-251	- Topic 6 Readiness Assessment - Standards Practice Week 15 - Lesson Quiz 6-1 - Assigned Practice problems 6-1 Reteach to Build Understanding 6-1 Additional Practice	3 days

			6-1 Enrichment	
G.SRT.B.3	- Use properties of the diagonals of a kite to solve problems - Use properties of isosceles trapezoids to solve problems - Use the relationship between the lengths of the bases and the midsegment of a trapezoid to solve problems	6-2 Kites and Trapezoids pg 253-261	- Standards Practice Week 16 - Lesson Quiz 6-2 - Assigned Practice problems 6-2 Reteach to Build Understanding 6-2 Additional Practice 6-2 Enrichment	3 days
G.CO.C.10 G.SRT.B.3	- Show that the consecutive angles of a parallelogram are supplementary and opposite angles are congruent - Show that the opposite sides of a parallelogram are congruent - Show that the diagonals of a parallelogram bisect each other	6-3 Properties of Parallelograms pg 262-270	- Standards Practice Week 17 - Lesson Quiz 6-3 - Assigned Practice problems 6-3 Reteach to Build Understanding 6-3 Additional Practice 6-3 Enrichment	3 days
G.CO.C.10 G.SRT.B.3	- Prove that the diagonals of rhombuses are perpendicular bisectors of each other and angle bisectors of the angles of the rhombus - Prove that the diagonals of a rectangle are congruent - Use properties of rhombuses, rectangles, and squares to solve problems	6-5 Properties of Special Parallelograms pg 279-285	- Standards Practice Week 18 - Lesson Quiz 6-5 - Assigned Practice problems 6-5 Reteach to Build Understanding 6-5 Additional Practice 6-5 Enrichment	2 days
Topic 6 Standards	Topic 6 Learning Objectives assessed	Review and assessment topic 6 pg 294-297	Topic 6 TEST	2 days
Topic 12 Probability				
G.S.CP.A.1.a G.S.CP.A.a.b G.S.CP.B.3.a G.S.CP.B.3.b G.S.CP.C.4	- Explain independence of events in everyday language and everyday situations - Determine the probability of the union of two events (A or B) and the intersection of two events (A and B)	12-1 Probability Events pg 499-506	- Topic 12 Readiness Assessment - Standards Practice Week 29 - Lesson Quiz 12-1	2 day

			- Assigned Practice problems 12-1 Reteach to Build Understanding 12-1 Additional Practice 12-1 Enrichment	
G.S.CP.A.1.a G.S.CP.A.1.b	- Use set notation to represent contextual situations - Represent outcomes of experiments using set notation - Move between Venn Diagrams or two-way frequency tables and set notation	TN-2 Representing Outcomes using Set Notation pg TN10-TN17 (online content)	- Standards Practice Week 29 - Lesson Quiz TN-2 - Assigned Practice problems 3-2 Additional Practice	2 days
G.S.CP.B.2	- Understand the conditional probability of A given B as the fraction of outcomes in B that also belong in A - Interpret independence of events in terms of conditional probability - Use a two-way frequency table to approximate conditional probabilities	12-2 Conditional Probability pg 507-513	- Standards Practice Week 30 - Lesson Quiz 12-2 - Assigned Practice problems 12-2 Reteach to Build Understanding 12-2 Additional Practice 12-2 Enrichment	2 day
G.S.CP.A.1	- Calculate the number of permutations and combinations in mathematical and real-world contexts - Use permutations and combinations to compute probabilities of compound events and solve problems	12-3 Permutations and Combinations pg 515-521	- Standards Practice Week 30 - Lesson Quiz 12-3 - Assigned Practice problems 12-3 Reteach to Build Understanding 12-3 Additional Practice 12-3 Enrichment	2 day
G.S.CP.C.4	Calculate probabilities using geometric figures	TN-3 Finding Probabilities Using Geometric Figures pg TN18-TN20 (online content)	- Standards Practice Week 31 - Lesson Quiz TN-3 - Assigned Practice problems TN-3 Additional Practice	2 day
All standards Topics 1-6	All learning objectives Topics 1-6	Review for semester 1 exams		2 days

			Semester exams	3 days
3rd Quarter				
Topic 7 Similarity				
Standard(s)	Learning Objective(s)	Savvas Alignment	Assessments	Timeframe
G.CO.A.1 G.SRT.A.1 G.N.Q.A.1	- Dilate figures on and off the coordinate plane - Understand how distances and lengths in a dilation are related to the scale factor and center of dilation	7-1 Dilations pg 301-309	- Topic 7 Readiness Assessment - Standards Practice Week 19 - Lesson Quiz 7-1 - Assigned Practice problems 7-1 Reteach to Build Understanding 7-1 Additional Practice 7-1 Enrichment	2 days
G.N.Q.A.1.a G.CO.A.1 G.SRT.A.1 G.SRT.A.2	- Understand that two figures are similar if there is a similarity transformation that maps one figure to the other - Identify a combination of rigid motions and dilation that maps one figure to a similar figure - Identify the coordinates of an image under a similarity transformation	7-2 Similarity Transformations pg 310-316	- Standards Practice Week 19 - Lesson Quiz 7-2 - Assigned Practice problems 7-2 Reteach to Build Understanding 7-2 Additional Practice 7-2 Enrichment	2 days
G.SRT.A.2 G.SRT.B.3	- Use dilations and rigid motions to prove triangles are similar - Prove and use the AA~, SSS~, and SAS~ theorems to prove triangles are similar	7-3 Proving Triangles Similar pg 317-323	- Standards Practice Week 20 - Lesson Quiz 7-3 - Assigned Practice problems 7-3 Reteach to Build Understanding 7-3 Additional Practice 7-3 Enrichment	2 days
G.SRT.B.3	Use similarity of right triangles to solve problems	7-4 Similarity in Right Triangles pg 324-331	Standards Practice Week 20	2 days

	Use length relationships of the sides of right triangles and an altitude drawn to the hypotenuse to solve problems		- Lesson Quiz 7-4 - Assigned Practice problems 7-4 Reteach to Build Understanding 7-4 Additional Practice 7-4 Enrichment	
G.CO.C.9	- Use the Side-Splitter Theorem and the Triangle Midsegment Theorem to find lengths of sides and segments of triangles - Use the Triangle-Angle-Bisector Theorem to find lengths of sides and segments of triangles	7-5 Proportions in Triangles pg 333-339	- Standards Practice Week 21 - Lesson Quiz 7-5 - Assigned Practice problems 7-5 Reteach to Build Understanding 7-5 Additional Practice 7-5 Enrichment	2 days
Topic 7 standards	Topic 7 learning objectives assessed	Topic 7 review and assessment pg 340-341	Topic 7 TEST	2 days
Topic 8 Right Triangles and Trigonometry				
G.SRT.B.3 G.SRT.C.5.a G.SRT.C.5.b G.N.Q.A.1.a G.N.Q.A.1.b G.N.Q.A.1.c	- Prove the Pythagorean Theorem using similar right triangles - Understand and apply the relationships between side lengths in 45-45-90 and 30-60-90 triangles	8-1 Right Triangles and the Pythagorean Theorem pg 345-353	- Topic 8 Readiness Assessment - Standards Practice Week 22 - Lesson Quiz 8-1 - Assigned Practice problems 8-1 Reteach to Build Understanding 8-1 Additional Practice 8-1 Enrichment	3 days
G.SRT.C.4.a G.SRT.C.4.b G.SRT.C.5.a G.SRT.C.5.b G.N.Q.A.1.a G.N.Q.A.1.b G.N.Q.A.1.c	- Define and calculate sine, cosine, and tangent ratios - Use trigonometric ratios to solve problems	8-2 Trigonometric Ratios pg 354-360	- Standards Practice Week 22 - Lesson Quiz 8-2 - Assigned Practice problems 8-2 Reteach to Build Understanding 8-2 Additional Practice	2 days

			8-2 Enrichment	
G.SRT.C.5.c	- Understand why the Law of Sines applies to any triangle - Use Law of Sines to solve problems	8-3 Law of Sines pg 361-366	- Standards Practice Week 23 - Lesson Quiz 8-3 - Assigned Practice problems 8-3 Reteach to Build Understanding 8-3 Additional Practice 8-3 Enrichment	1 day
G.SRT.C.5.c	- Develop an understanding of the Law of Cosines - Use the Law of Cosines to solve problems	8-4 Law of Cosines pg 367-372	- Standards Practice Week 23 - Lesson Quiz 8-4 - Assigned Practice problems 8-4 Reteach to Build Understanding 8-4 Additional Practice 8-4 Enrichment	2 days
G.SRT.C.5.a G.SRT.C.5.c G.N.Q.A.1.a G.N.Q.A.1.b G.N.Q.A.1.c	- Distinguish between angles of elevation and depression - Use trigonometric ratios and the Laws of Sines and Cosines to solve problems	8-5 Problem Solving with Trigonometry pg 374-379	- Standards Practice Week 24 - Lesson Quiz 8-5 - Assigned Practice problems 8-5 Reteach to Build Understanding 8-5 Additional Practice 8-5 Enrichment	3 days
Topic 8 Standards	Topic 8 Learning Objectives assessed	Topic 8 review and assessment pg 380-381	Topic 8 TEST	3 days
Topic 9 Coordinate Geometry				
G.GPE.A.1 G.GPE.A.2 G.GPE.A.3	- Use coordinate geometry to classify triangles and quadrilaterals on the coordinate plane - Solve problems involving triangles and polygons on the coordinate plane	9-1 Polygons in the Coordinate Plane pg 385-391	- Topic 9 Readiness Assessment - Standards Practice Week 25 - Lesson Quiz 9-1	2 days

			- Assigned Practice problems 9-1 Reteach to Build Understanding 9-1 Additional Practice 9-1 Enrichment	
G.CO.C.9 G.GPE.A.1 G.GPE.A.2	- Plan a method of proof using coordinate geometry - Prove theorems using algebra and the coordinate plane	9-2 Proofs Using Coordinate Geometry pg 393-399	- Standards Practice Week 25 - Lesson Quiz 9-2 - Assigned Practice problems 9-2 Reteach to Build Understanding 9-2 Additional Practice 9-2 Enrichment	2 days
G.GPE.A.1 G.GPE.A.3	- Write the equation for a circle given the graph of the circle or given the center and the radius of the circle - Graph a circle from its equation	9-3 Circles in the Coordinate Plane pg 400-405	- Standards Practice Week 26 - Lesson Quiz 9-3 - Assigned Practice problems 9-3 Reteach to Build Understanding 9-3 Additional Practice 9-3 Enrichment	2 days
Topic 9 Standards	Topic 9 Learning Objectives	Topic 9 review and assessment pg 413-415	Topic 9 TEST	2 days
Topic 10 Circles				
G.C.A.1	- Calculate the length of an arc when the central angle is given in degrees or radians - Calculate the area of sectors and segments of circles	10-1 Arcs and Sectors pg 419-426	- Standards Practice Week 27 - Lesson Quiz 10-1 - Assigned Practice problems 10-1 Reteach to Build Understanding 10-1 Additional Practice 10-1 Enrichment	1 day
Topic 11 Two- and Three- Dimensional Models				

G.N.Q.A.1.a G.GMD.A.2 G.MG.A.1 G.N.Q.A.1.b G.N.Q.A.1.c	- Understand how the volume formulas for prisms and cylinders apply to oblique prisms and cylinders - Model three-dimensional figures as cylinders and prisms to solve problems	11-2 Volumes of Prisms and Cylinders pg 471-478	- Topic 11 Readiness Assessment - Standards Practice Week 27 - Lesson Quiz 11-2 - Assigned Practice problems 11-2 Reteach to Build Understanding 11-2 Additional Practice 11-2 Enrichment	2 days
G.N.Q.A.1.a G.GMD.A.2 G.MG.A.1 G.N.Q.A.1.b G.N.Q.A.1.c	- Understand how the volume formulas for pyramids and cones apply to oblique prisms and cones - Model three-dimensional figures as prisms and cones to solve problems	11-3 Pyramids and Cones pg 480-486	- Standards Practice Week 28 - Lesson Quiz 11-3 - Assigned Practice problems 11-3 Reteach to Build Understanding 11-3 Additional Practice 11-3 Enrichment	2 days
G.N.Q.A.1.a G.GMD.A.2 G.MG.A.1 G.N.Q.A.1.b G.N.Q.A.1.c	- Use Cavalieri's Principle to show how the volume of a hemisphere is related to the volume of a cone and cylinder - Calculate volumes and surface areas of spheres and composite figures	11-4 Spheres pg 487-492	- Standards Practice Week 28 - Lesson Quiz 11-4 - Assigned Practice problems 11-4 Reteach to Build Understanding 11-4 Additional Practice 11-4 Enrichment	1 day
G.GMD.A.1 G.GMD.A.2	- Calculate the surface area of three-dimensional figures - Find the surface area of a three-dimensional figure after a dilation	TN-1 Surface Area pg TN1-TN9 (online content)	- Standards Practice Week 28 - Lesson Quiz TN-1 - Assigned Practice problems 3-2 Additional Practice	2 days
All Topic 11 standards	Topic 11 Learning Objectives assessed above	Topic 11 review and assessment pg 493-495	Topic 11 TEST	3 days

4 th Quarter				
Standard(s)	Learning Objective(s)	Savvas Alignment	Assessments	Timeframe
Algebra 2 Preparation			•	
A2.F.IF.A.1	For a function that models a relationship between two quantities, interpret key features of graphs	Algebra 2: 1-2 Transformation of Functions	• IN ALGEBRA 2 BOOK online • Lesson Quiz 1-2 • Assigned Practice problems • 1-2 Reteach to Build Understanding • 1-2 Additional Practice	2 days
A2.A.CED.A.1	Create equations in one variable and use them to solve problems in a real world context	Algebra 2: 1-5 Solving Equations and inequalities by graphing	• IN ALGEBRA 2 BOOK online • Lesson Quiz 1-5 • Assigned Practice problems • 1-5 Reteach to Build Understanding • 1-5 Additional Practice	2 days
A2.A.REI.B.3	Write and solve a system of linear equations in a real world context	Algebra 2: 1-6 Linear Systems	• IN ALGEBRA 2 BOOK online • Lesson Quiz 1-6 • Assigned Practice problems • 1-6 Reteach to Build Understanding • 1-6 Additional Practice	3 days
All standards Topics 7-12	• All learning objectives topics 7-12	Semester exam review	•	2 days
			Semester 2 Exams	3 days