



Franklin County School
Geometry – General and Honors
Textbook: Florida Reveal Math (McGraw-Hill)
Course Codes: 1206310 & 1206320

Semester 1	
Instructional Units & Standards Focus	
Quarter 1	Quarter 2
Module 1: Geometric Reasoning Students will explore coordinate geometry in using points, lines, and planes to model the real world and apply those properties in real-world situations. Students will use angle relationships to make statements and draw conclusions about the measures of angles. Additionally, students will use coordinate geometry to measure two-dimensional and three-dimensional figures. MA.912.GR.1.1, MA.912.GR.3.1, MA.912.GR.3.3, MA.912.GR.5.1, MA.912.GR.5.2,	Module 4: Transformations and Symmetry Students will make sense of geometric relationships among polygons using rigid transformations. Students will use angle relationships to make statements and draw conclusions about the measures of angles. Additionally, students will use coordinate geometry to measure two-dimensional and three-dimensional figures. MA.912.GR.2.1, MA.912.GR.2.2, MA.912.GR.2.3, MA.912.GR.2.5,
Module 2: Angles and Geometric Figures Students will apply the definitions of angles, parts of angles, congruent angles, and angle bisectors to calculate angle measures, apply characteristics of complementary and supplementary angles and parallel and perpendicular lines to calculate angles, find perimeter, circumferences, and area of two-dimensional shapes, identify 3-dimensional shapes, apply reflection, translation, and rotating figures.	Module 5: Triangle Congruence Students will prove the congruence of triangles using a variety of theorems to model real-world situations with equations, inequalities, and systems of equations and inequalities. MA.912.GR.1.2, MA.912.GR.1.3, MA.912.GR.1.6, MA.912.GR.2.6, MA.912.GR.3.2, MA.912.GR.3.3
Module 3: Logic and Line Relationships Students will apply logic and deductive reasoning to prove relationships and theorems regarding segments, angles, and transversals including parallel and perpendicular lines. MA.912.GR.1.1, MA.912.GR.3.3, MA.912.LT.4.3, MA.912.LT.4.1	Module 6: Relationships in Triangles Students will extend their understanding of triangle relationships to solve real-world problems in context. MA.912.GR.1.1, MA.912.GR.1.3, MA.912.GR.3.3, MA.912.GR.5.2



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Semester 2	
Instructional Units & Standards Focus	
Quarter 3	Quarter 4
Module 9: Right Triangles and Trigonometry Students will apply trigonometric ratios in finding missing side and angle measures of right triangles in both mathematical and real-world contexts. MA.912.GR.3.2, MA.912.T.1.1, MA.912.T.1.2	Module 10 : Circles Students will explore features of circles, including circumference, angles, arcs, chords, tangents, secants, and more. Students will extend their understanding of features of circles in problem-solving situations. MA.912.GR.3.3, MA.912.GR.5.3, MA.912.GR.6.1, MA.912.GR.6.2, MA.912.GR.6.3, MA.912.GR.6.4, MA.912.GR.7.2, MA.912.GR.7.3
Module 8: Similarity Students will explore how similarity in polygons and triangles can be used in problem-solving in real-world contexts. MA.912.GR.1.2, MA.912.GR.1.3, MA.912.GR.1.6, MA.912.GR.2.1, MA.912.GR.2.2, MA.912.GR.2.3, MA.912.GR.2.5, MA.912.GR.2.8	Module 11 : Geometric Measurement Students will determine area, surface area, and volume of two-dimensional and three-dimensional figures, including quadrilaterals, regular polygons, prisms, pyramids, cylinders, cones, and spheres. Students will use angle relationships to make statements and draw conclusions about the measures of angles. Additionally, students will use coordinate geometry to measure two-dimensional and three-dimensional figures. MA.912.GR.4.1, MA.912.GR.4.2, MA.912.GR.4.3, MA.912.GR.4.4, MA.912.GR.4.5, MA.912.GR.4.6, MA.912.GR.6.4, MA.912.GR.2.8
Module 7: Quadrilaterals Students will extend applications of coordinate geometry to model real-world situations with parallelograms, rectangles, rhombi, squares, trapezoids, and kites.	EOC Review Students will spend time reviewing and preparing for their Geometry EOC.



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MA.912.GR.1.3, MA.912.GR.1.4, MA.912.GR.1.5	
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