## Unit 3: Plane Geometry

NCSCOS 2.03 Apply properties, definitions, and theorems of 2-D figures to solve problems and write proofs: a) triangles b) quadrilaterals c) other polygons d) circles

NCSCOS 1.02 Use length, area, and volume of geometric figures to solve problems. Include arc length, area of sectors of circles; lateral area, surface area, and volume of three-dimensional figures; and perimeter, area, and volume of composite figures.

Date	Lesson	Homework
11/08	<ul> <li>Lesson 6.1-6.3; Classifying Quadrilaterals, Properties of Parallelograms, Proving Quadrilaterals are Parallelograms</li> </ul>	<ul> <li>WS (2) - 6.2 and 6.3</li> <li>Quiz 6.1-6.4 Wednesday</li> </ul>
11/09	<ul> <li>Lesson 6.4; Special Quadrilaterals</li> </ul>	<ul> <li>WS 6.4,</li> <li>Study for Quiz 6.1-6.4</li> </ul>
11/10	<ul> <li>Quiz 6.1 – 6.4</li> <li>Early Release: P/T Conferences 2–7PM (Pick up report cards)</li> </ul>	<ul><li>✤ None ☺</li></ul>
11/11	No School: Veteran's Day	
11/12	<ul> <li>Lesson 6.5; Trapezoids and Kites</li> </ul>	<ul> <li>◆ BB p. 192-193 (Written Ex)</li> <li>#2-18</li> </ul>

11/22	<ul><li>✤ Quiz 7.4, 7.5, 9.5</li></ul>	<ul> <li>CH 7/9 Study Guide</li> <li>Sections 7.4, 7.5, 9.5</li> <li>Test Tomorrow!</li> </ul>
11/23	<ul> <li>CH 7/9 Test</li> <li>(Sections 7.4, 7.5, 9.5)</li> </ul>	<ul> <li>Get Progress Report Signed &amp; Bring in report card grades for GPA.</li> </ul>
11/24	<ul> <li>Early Release Day Handback Papers &amp; Review</li> <li>Compute GPA's</li> </ul>	<ul><li>✤ None ☺</li></ul>

11/25	Thanksgiving Holiday~	
11/26	Thanksgiving Holiday~	
11/29	<ul> <li>Lesson 7.6-7.7 Day 1: Circumference and Areas of Circles; Areas of Shaded Regions</li> </ul>	<ul> <li>Area of Shaded Region WS</li> <li>Last night to get Progress Reports Signed w/o receiving learning lunch &amp; a phone call home.</li> <li>*Test Ch 7 Part 2 Friday*</li> </ul>
11/30	<ul> <li>Lesson 7.6-7.7 Day 2: Arc Lengths and Areas of Sectors</li> </ul>	* p. 398 WS
12/01	<ul> <li>Lesson 7.8: Geometric Probability</li> </ul>	<ul> <li>Shaded Region WS; Practice 7.8 WS</li> </ul>
12/02	<ul> <li>Review for CH 7 Part 2 Test</li> </ul>	Complete Study Guide Study!!
12/03	Test: CH 7 Part 2	Cumulative Review WS
12/06	<ul> <li>Handing out &amp; reviewing Christmas break homework</li> </ul>	* None
12/07	<ul> <li>✤ Lesson 11.1 Tangent Lines</li> </ul>	<ul> <li>✤ WS 11.1</li> <li>*Quiz 11.1–11.3 Friday*</li> </ul>
12/08	<ul><li>✤ Lesson 11.2 Chords and Arcs</li></ul>	* BB p. 347 #1-9
12/09	<ul> <li>Lesson 11.3 Inscribed Angles</li> </ul>	<ul> <li>Inscribed Angles WS</li> <li>Study for Quiz tomorrow!</li> </ul>
12/10	<ul><li>✤ Quiz 11.1-11.3</li></ul>	Complete 11.4 Notes Part 1
12/13	<ul> <li>Lesson 11.4 Part 2 Angle Measures and Segment Lengths</li> </ul>	<ul> <li>11.4 WS</li> <li>*CH 11 Test Wednesday*</li> </ul>
12/14	<ul> <li>Review Chapter 11</li> </ul>	<ul> <li>Finish Study Guide/Study for test tomorrow!</li> </ul>
12/15	<ul><li>✤ Chapter 11 TEST</li></ul>	<ul> <li>Cumulative Review CH 1-8 Worksheet</li> </ul>

12/16	<ul><li>✤ Lesson 10.1,10.3,10.5</li></ul>	<ul><li>✤ Worksheet 10.3/10.5</li></ul>
12/17- <sup>1</sup> ⁄ <sub>2</sub> day	✤ Lesson 10.1,10.3,10.5 con't	Transformation Packet- feel free to email me w/ any questions at <u>ddavenport@currituck.k12.nc.us</u> or send me an inbox message on Facebook!
1/3	<ul> <li>Q&amp;A Transformation Packet</li> <li>Q&amp;A Chapter 11 Tests</li> </ul>	<ul> <li>Study for Transformation Test tomorrow!</li> <li>Formula Quiz Wednesday!</li> </ul>
1/4	<ul> <li>Transformation Test</li> </ul>	Formula Quiz tomorrow!
1/5	<ul> <li>10.4/10.6 – Surface Area and Volume of Prisms and Cyliners</li> </ul>	✤ WS 10.4/10.6
1/6	<ul> <li>10.7/10.8 – Surface Area and Volume of Spheres and Similar Solids</li> </ul>	◆ WS 10.7/10.8
1/7	✤ Review Ch 10	<ul> <li>Finish Study Guide/ Study for Ch 10 Test</li> </ul>
1/10	<ul><li>Review Ch10</li></ul>	<ul> <li>Finish Study Guide/ Study for Ch 10 Test</li> </ul>
1/11	<ul> <li>♦ CH 10 Test</li> </ul>	✤ None
1/12	<ul><li>✤ EOC Review</li></ul>	
1/13	✤ EOC Review	
1/14	<ul><li>✤ EOC Review</li></ul>	
1/17	NO SCHOOL- Holiday	
1/18	<ul><li>✤ EOC Review</li></ul>	
1/19	<ul> <li>1<sup>st</sup> Bell Exams- Mandatory</li> <li>25% of Final Grade</li> </ul>	