

Teacher: Walczyk

Course: **Geometry**

Period(s): 2&3

Week of: Dates: 5/14/18

Unit Title: Measurement of Figures and Solids

State Standards: G.GCI.5, G.GGMD.1, G.GGMD.2, G.GGMD.3, G.GGMD.4, G.GM2

All plans are subject to change. Student progress will be monitored and adjustments will be made. **NOTE:CS = Chapter Section. Example CS1.2 is Chapter 1 Section 2 in the textbook.**

	Standards	Goals As a result of this lesson the student will be able to:	Instructional Plan Activities (aligned, sequenced, build, time)	Student Work (Thinking & Problem Solving, Real World)	Assessment (aligned, rubrics, >2, written)	Grouping Method	Materials	Accommodations (IEP, 504, ESOL)
Monday	Various	various	Review for written part of Geometry District Final Exam	Actively participate in review for written part of Geometry District Final Exam	Questioning Walk room during completion of review problems Discussion	Whole class, Individual Small group	Review problems for district written exam Calculators	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer
Tuesday	Various	various	Review for written part of Geometry District Final Exam	Actively participate in review for written part of Geometry District Final Exam	Questioning Walk room during completion of review problems Discussion	Whole class, Individual Small group	Review problems for district written exam Calculators	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer
Wednesday	Various	various	District Final Written Exam	Actively participate in written part of Geometry District Final Exam	Performance on district written exam	Individual	District written exam, compasses, rulers, pencils, calculators, scratch paper	Applies to IEP/504/ESOL Priority seating Take in resource room, extra time if needed
Thursday	C.GCI.5 G.GGMD.1	Derive the formulas for the length of an arc and the area of a sector in a circle and apply these formulas to solve mathematical and real-world problems. Explain the derivations of the formulas for the circumference of a circle, area of a circle, and volume of a cylinder, pyramid, and cone. Apply these formulas to solve mathematical and real-world problems.	CS11.1 – Circumference and Arc Length CS11.2 – Areas of Circles and Sectors	Participate in lecture and in lesson problems to reinforce concepts. <ul style="list-style-type: none"> Find circumference, arc lengths and other measures. Find the area of a circle. Complete classwork/homework	Questioning. Walk room during lesson to ensure proper addition to notes are being taken. Walk room practice test to assist and answer questions as needed.	Whole class, Individual Small group	Warm up problem Notes for Chapter 11 summary Chapter 11 composite problems Calculators	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer
Friday	G.GGMD.1 G.GGMD.2	Explain the derivations of the formulas for the circumference of a circle, area of a circle, and volume of a cylinder, pyramid, and cone. Apply these formulas to solve mathematical and real-world problems. Explain the derivation of the formula for the volume of a sphere and other solid figures using Cavalieri's principle.	CS11.5 – Explore Solids CS11.6 – Volume of Prisms and Cylinders CS11.7 – Volume of Pyramids and Cones	Participate in lecture and in lesson problems to reinforce concepts. <ul style="list-style-type: none"> Find circumference, arc lengths and other measures. Find the area of a circle. Complete classwork/homework	Questioning. Walk room during lesson to ensure proper addition to notes are being taken. Walk room practice test to assist and answer questions as needed.	Whole class, Individual Small group	Warm up problem Notes for Chapter 11 summary Chapter 11 composite problems Calculators	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer