

Schedule for January 12 (Arkadelphia), January 22 (Monticello), February 5 (Melbourne), February 11 (Conway) and February 12 (Beebe), February 17 (Harrisburg) and February 18 (Walnut Ridge), 2009

Time	Activity	Materials	Portfolio
8:30 am – 8:45 am	What is Geogebra?	Computer Geogebra	
8:45 am – 9:00 am	Making a line, ray, segment in Geogebra	Computer Geogebra	Save and print the sketch called “basics”
9:00 am – 9:15 am	Making and measuring angles in Geogebra	Computer Geogebra	Save and print sketch called “angles”
9:15 am – 9:30 am	Making and transforming polygons in Geogebra	Computer Geogebra	Save and print sketches called “flip”, “turn” and “slide”
9:30 am – 9:45 am	Making circles, perpendiculars, perpendicular bisectors, and angle bisectors in Geogebra	Computer Geogebra	Save and print sketch called “constructions”
9:45 am – 10:00 am	Break		
10:00 am – 10:15 am	Where are all the isosceles triangles that have “this” side?	Computer Geogebra	
10:15 am – 10:30 am	Where are all the equilateral triangles that have “this” side?	Computer Geogebra	
10:30 am – 10:45 am	Where are all the scalene triangles that have “this” side?	Computer Geogebra	
10:45 am – 11:00 am	Where are all the right triangles that have “this” side?	Computer Geogebra	
11:00 am – 11:15 am	Where are all the obtuse triangles that have “this” side?	Computer Geogebra	
11:15 am - 11:30 pm	Where are all the acute triangles that have “this” side?	Computer Geogebra	Save and print sketch called “Triangle template”
11:30 am – 12:30 pm	Lunch		

Time	Activity	Materials	Portfolio
12:30 pm – 12:45 pm	Finding the circum-center of a triangle	Computer Geogebra	
12:45 pm – 1:00 pm	Finding the in-center of a triangle	Computer Geogebra	
1:00 pm – 1:15 m	Finding the centroid for a triangle	Computer Geogebra	
1:15 pm – 1:30 pm	Finding the orthocenter of a triangle	Computer Geogebra	
1:30 pm –1:45 pm	How are the four centers related?	Computer Geogebra	Save and print sketch called "Triangle Centers"
1:45 pm –2:00 pm	Break		
2:00 pm – 2:15 pm	Area of a rectangle	Computer Geogebra	Save and print sketch called "area rectangle"
2:15 pm - 2:30 pm	Area of a parallelogram	Computer Geogebra	Save and print sketch called "area parallelogram"
2:30 pm –2:45pm	Area of a triangle	Computer Geogebra	Save and print sketch called "area triangle"
2:45 pm – 3:00 pm	Area of a trapezoid	Computer Geogebra	Save and print sketch called "area trapezoid"
3:00 pm - 3:15 pm	Area of a circle	Computer Geogebra	Save and print sketch called "area circle"
3:15 pm – 3:30 pm	Summary		

