

Weekly homework: TBD Course schedule (subject to change)

1st Sem	Content	HW Assignment
1.	Orientation and Assessment	
2.	What's in a Name?, Angles	Chapter 1
3.	Congruent Triangles – SSS, SAS	Chapter 2
4.	Congruent Triangles – ASA, AAS	Chapter 3
5.	Perimeter and Area	Chapter 3
6.	Similar Triangles and AA, SAS, SSS Similarity	Chapter 5
7.	Angles and Parallels Construction	Chapter 5, 6
8.	Contest#1	
9.	Right Triangles: Pythagorean Theorem and Triples	Chapter 6
10.	2 Special Right Triangles and Heron's formula	Chapter 6
11.	Special Parts of a Triangle: Perpendicular and angle Bisectors	Chapter 7
Tkgiv	NO class	NO class
12.	Special Parts of a Triangle: Medians and Altitudes	Chapter 7
13.	Contest#2	
14.	Perpendicular Lines and Bisectors Construction	Chapter 6, 7
Xmas	NO class	NO class
New Yr	NO class	NO class
15.	Quadrilateral Basics – Trapezoids and Parallelograms	Chapter 8
16.	Contest#3	Chapter 8
17.	Quadrilateral Basics – Square and Rectangles, If and Only if	Chapter 8
2 nd Sem	Content	HW Assignment
1.	Polygons	Chapter 9
2.	Geometric Inequalities: sides and angles of triangle	Chapter 10
3.	The triangle Inequalities	Chapter 10
Wntr Brk	NO class	NO class
4.	Circles: Arc measure, length, and circumference and area	Chapter 11
5.	Contest#4	
6.	Circles and angles: Inscribed angles, Angles inside and outside circles	Chapter 12
7.	Circles and angles: Tangents and its construction	Chapter 12
8.	Power of a point	Chapter 13
9.	3D Geometry	Chapter 14
10.	Contest#5	
Sp Brk	NO class	NO class
11.	Curved Surfaces: Cylinders, Cones, Spheres	Chapter 15
12.	Translations and rotations	Chapter 16
13.	Reflections and Dilation	Chapter 16
14.	Analytic Geometry: Line and Circles	Chapter 17
15.	Proof of Analytic Geometry	Chapter 17
16.	Distance between a pt and a line, Advanced Analytic Geometry problems	Chapter 17
17.	Games and Party	