Geometry Summer Course

WEEK 1
Basics of Geometry
Properties of 2-D dimensional figures
Similarity   \

WEEK 2
Transformations of Symmetry
Congruent Triangles
Quadrilateral and other polygons

WEEK 3
Trigonometric Ratios
Pythagorean Theorem
Trigonometric Identities

WEEK 4
Measurements of 2-D figures
Measurements of 3-D figures
Right Triangles

WEEK 5
Properties of Circles
Circumference, Area of Circles
Surface Area and Volume of 3-D figures

WEEK 6
Theorems to Prove Congruency
Congruency of Two figures
Graphing of Equations of Circle

WEEK 7
Construction of Triangles
Construction of Basic Quadrilaterals
Construction of different types of Quadrilaterals

WEEK 8
Analytic Geometry
Construction of Bisectors of Lines and Angles
Construction of Circumcircles and Incircles