

Progress Chart

Print out the chart below to keep track of your progress through the *Geometry* online course.

Session 1: What Is Geometry?

- Part A: Quick Images
- Part B: Building from Directions
- Part C: Folding Paper
- Part D: Basic Objects
- Homework

Session 2: Triangles and Quadrilaterals

- Part A: Different Triangles
- Part B: Linkage-Strip Constructions
- Part C: Building Towers
- Homework

Session 3: Polygons

- Part A: Hidden Polygons
- Part B: Classifying Polygons
- Part C: Definitions and Proof
- Homework

Session 4: Parallel Lines and Circles

- Part A: Introduction to Geometer's Sketchpad
- Part B: Parallel Lines
- Part C: Circles
- Part D: Thinking with Technology
- Homework

Session 5: Dissections and Proof

- Part A: Tangrams
- Part B: Cutting Up
- Part C: The Midline Theorem
- Homework

Session 6: The Pythagorean Theorem

- Part A: The Pythagorean Theorem
- Part B: Proving the Pythagorean Theorem
- Part C: Application of the Pythagorean Theorem
- Homework

Session 7: Symmetry

- Part A: Line Symmetry
- Part B: Rotation Symmetry
- Part C: Translation Symmetry and Frieze Patterns
- Homework

Session 8: Similarity

- Part A: Scale Drawings
- Part B: Similar Triangles
- Part C: Trigonometry
- Homework

Session 9: Solids

- Part A: Platonics
- Part B: Nets
- Part C: Cross Sections
- Homework

Session 10: Classroom Case Studies

Grades K-2:

- Part A: Geometry as a Problem-Solving Process
- Part B: Developing Geometric Reasoning
- Part C: Activities That Illustrate Geometric Reasoning
- Homework

Grades 3-5:

- Part A: Geometry as a Problem-Solving Process
- Part B: Developing Geometric Reasoning
- Part C: Activities That Illustrate Geometric Reasoning
- Homework

Grades 6-8:

- Part A: Geometry and Reasoning
- Part B: Developing Geometrical Reasoning
- Part C: Problems That Illustrate Geometric Reasoning
- Homework