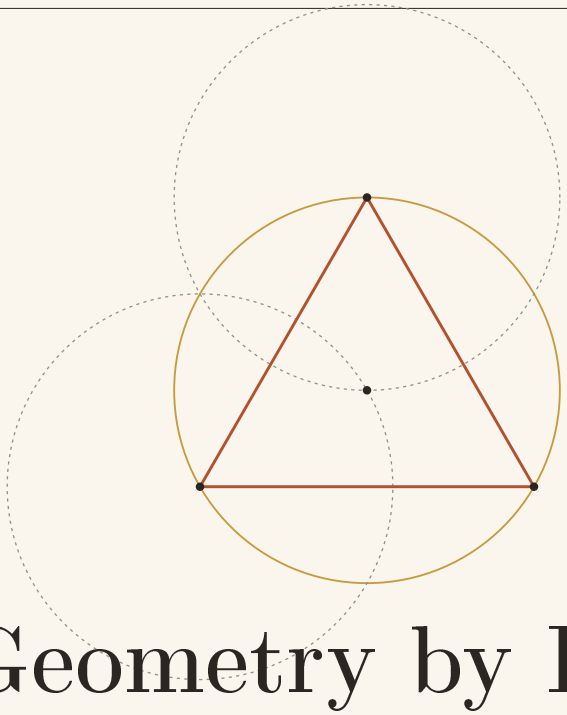

Geometry by Hand

String, Straightedge, and Shape

Three hands-on sessions exploring the oldest geometry there is — built the way Euclid built it: with a taut string, a straight edge, and your own hands. No rulers, no formulas, no numbers to memorize — every shape is *discovered*, not calculated.

What you'll build

Lecture 1

Lines, Circles & the First Triangle

Draw perfect lines and circles with nothing but string — then build geometry's very first shape, the equilateral triangle.

Lecture 2

Right Angles & the Surveyor's Rope

Tie the ancient knotted rope Egyptian builders used to square a corner — then lay out a garden bed with pegs and string.

Lecture 3

Dividing, Bisecting & the Hexagon

Fold and sweep your way to perfectly equal parts, then build a six-sided figure inside a single circle.

Who it's for

Curious middle and high schoolers — especially those who find geometry easier to *feel* than to read. This course is built around doing, not writing: hands, string, and paper take the place of formulas and long word problems.

When & Where

Dates: [three session dates]
Time: [start–end time]
Location: [Library name & room]

Good to Know

Ages: 11–16 • **Cost:** Free
Bring: nothing — all materials provided
Seats: limited, registration requested

Register: [link] • **Questions:** [email / phone]