

Teaching Mathematics with Technology

Geogebra - Checklist for hands-on practice

Your work with Geogebra, this week:

1. Please go through this checklist for the constructions you should practice with Geogebra during the week.
2. Please refer to the animations (.gif files) to get clarity on some steps discussed in the lecture on Geogebra during the week.

During Week 2	
Making plane figures with Geogebra	1. Use a text box 2. Use input bar to compute a measure and add dynamic variable to a text box (Sum of measures of angles of a triangle) 3. Use input bar to construct line, segment, ray 4. Draw a quadrilateral using polygon toolbox 5. Construct a parallelogram (using parallel lines) 6. Construct a circle 7. Draw a rectangle (using parallel and perpendicular lines) 8. Construct a square (hint using circle with same radius) 9. Marking area and perimeter of a rectangle 10. Construct polygons from intersecting lines