

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 'Geogebra practice sketches' for a visual of the sketches that you should create in Geogebra
3. Please refer to the animations (.gif files) to get clarity on some of the basic steps discussed in the lecture on Geogebra during the week.

During Week 1	
Introduction to Geogebra and making simple sketches in Geogebra	1. Explore toolbox menu, tool boxes and tool bars 2. Plot points 3. Draw segments and rays 4. Draw rays 5. Draw lines 6. Draw angles 7. Add labels and measurements 8. Plot point on objects 9. Plot point as an "intersect" of two lines 10. Move an object 11. Move the graphics view 12. File Menu - save the file 13. File Menu - exporting the construction as an image
Exploring lines and angles	1. Draw intersecting lines 2. Draw parallel lines 3. Draw perpendicular lines 4. Show angles formed when intersected by a transversal