

Rajasthan Geogebra session – Check list for hands-on practice

	DAY 1
Introduction to Geogebra	<ol style="list-style-type: none"> 1. Scope and overview of Geogebra – resource creation and maths teaching 2. Introduction to tool bar 3. On desktop and on Mobile. Multi-lingual. Geogebra.org
Making simple sketches in Geogebra	<ol style="list-style-type: none"> 1. Plot points. 2. Plot point on objects 3. Draw segments 4. Draw lines 5. Draw angles 6. Add labels 7. Add measurements 8. Move an object 9. Move graphics view 10. Save the file
Exploring lines and angles	<ol style="list-style-type: none"> 1. Draw parallel lines 2. Draw intersecting lines 3. Draw perpendicular lines 4. Identify angles formed when intersected by a transversal 5. Show the use of a text box
	DAY 2
Making plane figures with Geogebra	<ol style="list-style-type: none"> 1. Draw a square 2. Draw a rectangle 3. Marking area and perimeter 4. Polygons from intersecting lines 5. Show objects/ Hide Objects 6. What is the smallest polygon possible? Triangle with three sides 7. Text book problems – Lines
Connecting to Text book	<ol style="list-style-type: none"> 1. Text book problems – Triangles 2. Text book problems – Polygons 3. Exploring Rajasthan TOER Pages
	DAY 3
Circles and chords	<ol style="list-style-type: none"> 1. Draw a circle with given radius 2. Mark arcs, sectors (segments) 3. Marking area and circumference
Use sliders to animate	<ol style="list-style-type: none"> 1. A circle 2. A segment with given length 3. An angle of a given size
Complete the following constructions	<ol style="list-style-type: none"> 1. Types of triangle by sides and by angle 2. Triangle with 3 sides using 3 sliders - Constructing triangles with 3 sides 3. Triangle with 2 given sides and an angle - Constructing triangles with 2 sides and an angle 4. Triangle with 2 angles and a side 5. Constructing a right triangle 6. Angles in a right triangle – for proof 7. Exporting Geogebra files