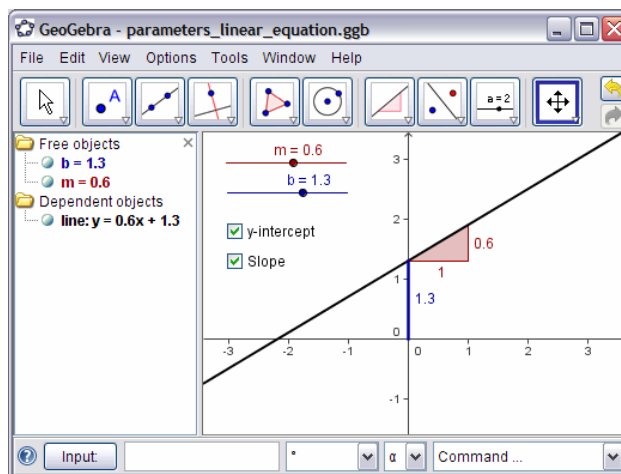


# GeoGebra Introductory Workshop

In order to meet the needs of in-service and/or pre-service mathematics teachers at your site, we offer a flexible structure for GeoGebra workshops.

The **GeoGebra Introductory Workshop** covers one full day (6 workshop hours) and consists of

- **8 general GeoGebra topics**  
(about 30 minutes each)  
covering the basic use of GeoGebra, and
- **4 practice blocks**  
(about 30 minutes each)  
allowing participants to practice and focus on activities of their interest.



## GeoGebra Introductory Workshop

	Topic	Length	Content
1	What is GeoGebra?	30 min	Information about GeoGebra, Installation
2	Basic geometric constructions	30 min	Basic use of tools
P	Practice block	30 min	Pool of geometry tasks e.g. triangle centers, geometric proofs
3	Inserting pictures and text	30 min	Use of pictures within constructions Inserting static / dynamic text
4	Creating user-defined tools	30 min	Create your own geometric tool
P	Practice block	30 min	Pool of transformation tasks e.g. symmetry, linear transformation
<b>Lunch break</b>			
5	Basic algebraic input and commands	30 min	Algebraic input syntax and use of commands
P	Practice block	30 min	Pool of algebra tasks e.g. system of equations, functions
6	Creating static instructional materials	30 min	Export of pictures Creating static instructional materials
7	Export of dynamic worksheets	30 min	Creating interactive instructional materials
P	Practice block	30 min	Pool of tasks to create materials e.g. theorem of Thales, slope function
8	GeoGebraWiki and User Forum	30 min	Support opportunities Pool of free instructional materials

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[www.geogebra.org](http://www.geogebra.org) – Contact: [workshop@geogebra.org](mailto:workshop@geogebra.org)