

Video “Installing Geogebra” transcript

Opening Webcam

Hello, and welcome to this first week of the Teaching Mathematics with Technology course. We are excited to have you join this course for an exploration of Mathematics teaching-learning with Geogebra. My name is Gurumurthy Kasinathan, and I am your co-faculty for this course

Slide 1

Before we begin the curriculum for the first week, we will take a quick look at the tools that will be used in this course. The Digital resources you will need for this course are a computer, stable internet connection, and the Geogebra application.

The course runs on MOOKIT, which will be our classroom, so to speak, with resources, readings, discussion forums, and assignment submissions. Please do familiarize yourself with the platform with the help of the video available in Week 0.

The learning resources for the course will include interactive webinars, video tutorials for learning the tools, videos with sample lesson demonstrations using Geogebra as well as course readings. Each week will also have an activity for you to complete - either in the form of quizzes or sketches made with Geogebra.

Slide 2

The following are some of the course activities for the week:

1. We will introduce ourselves in the course discussion forum
2. Installation of Geogebra
3. Working through select readings on “ICT and education” and share our comments on the discussion forum and also explore the concepts of Free and Open Source Software and Open Educational Resources.

Slide 3

Geogebra is a free and open-source software that can be used to create resources and teach mathematics, including Algebra, Geometry, Statistics, etc. Geogebra is available both online and offline. Since it is a free and open-source software, we can download it and use it freely for non-commercial purposes.

Slide 4

Geogebra can be downloaded on a computer having Microsoft Windows or a GNU/Linux or Mac Operating System. Visit the link on the slide (this link is also available in the video transcript). Once

you download the file on your computer, simply double-click on the file to install Geogebra. To connect Geogebra online, visit [Geogebra.org/classic](https://www.geogebra.org/classic). Geogebra is available for installation on your mobile phone. If you have an Android phone you can install it through Google Play and if you have an Apple phone, you can install it through the app store.

Slide 5

Geogebra is available in several options, of which the Classic version is the superset. Geogebra Classic includes all the other components that are available also for individual installation, such as Geometry, Algebra, Graphing calculator, etc. Since Classic is a superset of all these components, in our course, we will be using Classic version 5 on our desktop for this course.

Closing Webcam

In this video, I briefly explained what we will be learning this week and how you can install Geogebra on your devices. We look forward to interacting with you on the “Teaching Mathematics with Technology” course.