

Technology Tools for Mathematics Classes

Technology Tools for Teaching is a project designed to train teachers of public schools on the use of modern technologies in their classrooms. In this project, teachers make use of Microsoft Office programs and Internet to develop simple customized tools that fit their students' needs and ability.

In this session, I will be demonstrating the use of three types of tools used in the project:

1. Electronic Worksheets developed with EXCEL. Samples of such sheets will be shown and discussed. These sheets are used for instructional purposes, both as teaching aids that help teachers in the course of explaining lessons or solving problems, and as independent learning activities.
2. Integrated Units developed with POWERPOINT, EXCEL AND WORD. Samples of such units will be shown and discussed. These units combine presentation features and hyperlinks to create integrated units that teachers can use in the instructional process and that students can use for independent learning.
3. Internet based activities that can be used to enhance independent learning and promote students computer skills. *The Guided Tour* is one such activity where teachers make use of educational Web sites to develop activities that allow students to explore concepts or themes related to their course of study. This is done through carefully guided steps that make sure that students know where to look for information, and at the same time, allows them to do some exploration on their own. A sample activity will be used for demonstration purposes.