Find out more on the web.

Cabri
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Harnessing the Power of the Computer for Mathematical Instruction at ALL levels.

Leslie Howe
Math Lab Coordinator, Farragut High School, Knoxville, Tennessee

MANAGEABLE MONITORING:

At FHS computers assist the classroom teacher by making monitored practice more meaningful. The teacher can be present "electronically" with all students providing them with instant feedback and encouragement and still be free to work individually with those students who need the personal touch.

ALTERNATIVE ASSESSMENT:

Computer Activities make it possible for the teacher to see if students have really understood a concept that is foundational to new work. This can be done quickly and efficiently, without the discouragement that often sets in when students are evaluated with graded quizzes.

TANGIBLE TEACHING:

Computer Activities involve the students with mathematical concepts engaging them with the sense of touch, sight and sound. Students can interact in real time with consequences of changes in equations. They can "see" dynamic relationships that are difficult to understand.

HELPFUL HIGHER-ORDER THINKING:

Students at Farragut High School who have a background in mathematics and an interest in learning computer programming work in a class called *Software Design* to make software that is used to teach mathematics to other students. These students are called upon to use higher order thinking skills in the preparation of their projects.

During the 1998-99 school year our 32 machines were used over 19,600 times to teach mathematics to students in all courses from Math I to Calculus.

For more information visit: http://www.howe-two.com