

*The Marriage of Technology with Innovation*

# Want to Build a Mobile Microscope Station?



*16-station Tangent mobile wireless  
cart for notebook computers*



*George Mehler,  
Central Bucks SD  
K-12 Science  
Coordinator with  
mobile, microscope  
station*

## **Start With a Tangent Mobile, Wireless Classroom! Tangent Computers, Science, and Technology in the Classroom**

Central Bucks Microscope Center is designed to be a mobile, accessible, and economical way to get good microscopes in elementary and middle school science classrooms.

**IMAGINATION IS EVERYTHING**

The center features 16 prism microscopes (40X and 100X capable), one Intel QX3, one Tangent Medallion desktop computer, and a 16-station computer cart. This center allows excellent magnification options for students, and use of the Tangent computer and monitor in combination with the QX3 makes possible the viewing of a subject by an entire class; a videomicroscope setup enables students to view, photograph, and videotape subjects. Time lapse is also possible.

Central Bucks SD is standardized on Tangent computers. The concept for the Center and the design are the brainchild of George Mehler, K-12 science coordinator for the Central Bucks SD.

An entire center including 16 microscopes for students cost under \$3,000. The cart required only slight modification to accommodate the unique purpose. Dividers were removed to make room for storage of the microscopes, slightly larger than the notebook computers for which each space is intended. And presto, the instant Mobile Microscope Station of Central Bucks SD!

