



# AT&T Classroom

## Fishcreek Elementary Students Explore The City of Stow Government

The study of the Stow City Government by the Fishcreek Elementary students of Deb Miller utilized new technology in the AT&T classroom. The study began with students locating major intersections of roads using Google Earth. After determining what buildings were situated at the various locations, students selected a building and, using their Palm Handheld with Sketchy software, made a reasonable facsimile. Community Construction Kit software, was then used to construct a paper model of the building. The models were then mounted on a depiction of the main streets and crossroads of Stow. The SMART Board in the classroom soon became the focal point for instruction. Materials were put on the document camera and displayed on the SMART Board. A math lesson, "sky mall", was constructed to show net change. Concept maps and flow charts were demonstrated and programs such as Google Earth were manipulated by both teachers and students. Students were nominated for the office of mayor and members of city council. Using PowerPoint software they produced campaign posters which were posted in the classroom. Speeches were recorded using a headset and stored as Wav files. Voting for office as well as a contest for best design for seals and flags was conducted using the Personal Response System clickers. Mary Bednar, a council member, visited the classroom and talked about her position. A trip to the Stow City Hall hosted by Mayor Fritschell was a culminating event for the unit. Students sat in council chambers and asked the mayor many interesting questions. Steve Gibbons, the GIS administrator, demonstrated how maps of Stow could be overlapped using computer and special software. Upon return to the AT&T classroom, a simulation of a city council meeting was used to discuss problems in the community with the elected students playing their parts in the procedure.

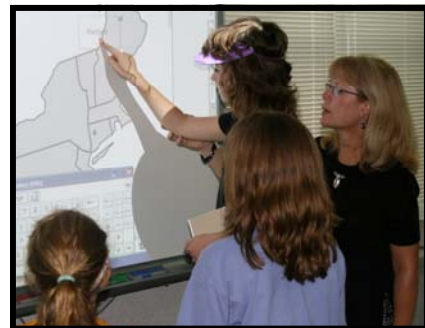
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# Using the SMART Board: Plotting a Journey Across the USA

Fifth grade students of Walls Elementary School, under the guidance of their teacher, Robyn Elia, used the SMART Board to plot out a journey across the USA, simulating visits to important cities in each of the regions. The students researched information on these sites and transformed some of the information into post cards which were addressed to real or imaginary people. The product was evaluated for proper placement of address as well as the social studies content. Using Garage Band Software the students designed short hip-hop inspired musical jingles under the direction Dr. Walter Gershon of Kent State University's College of Education, Health and Human Services. Students worked in cooperative learning groups and upon completion of their assigned projects composed a short quiz focusing on a particular region of the country. These were called "clicker quizzes". The clickers, a personal response system, were provided by Turning Point. With this system, each group tested their classmates as to their knowledge of the various regions. Palm handhelds were utilized in many ways. The teacher developed reflective questions which students beamed to each other. The question was then the focus of an email which the student answered and sent to the teacher. Another use of the Palm handheld was to view streaming videos from United Streaming on the Southeast region of the US. These videos were downloaded to the desktop computers and then hot synced to the Palm. A field trip to the Kent State University map library gave the students an opportunity to study a variety of maps of the US Regions with Dr. Edith Scarletto. Pam Barnes of the Cuyahoga Valley National Park instructed the students on GPS technology. With GPS units in their hands, the students participated in outdoor activities. Students also participated in a study of how children learn basic concepts with Dr. John Dunlosky of the KSU Psychology Department.



**SMART Board Training Scheduled  
Saturday, November 10th, 9 to 11 AM  
AT&T Classroom  
Presenter: Amanda Gray  
SmartEd Services**