



Kelli Brozoway

W. G. Nunn Elementary School

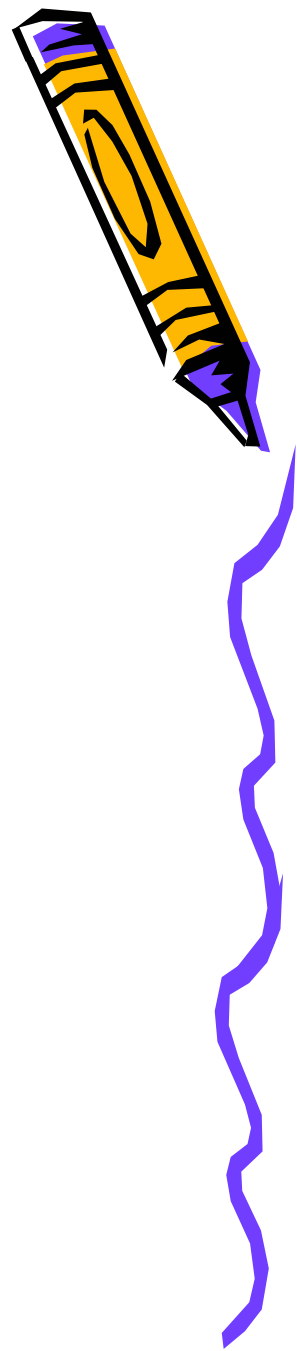
Spring, 2003

Valdosta State University

kbrozoway@hotmail.com



Assessed QCC Standards



- Grade: K
- *Language Arts* Written Communication
- 19
- *Topic:* Reading
Standard: Identifies upper- and lower-
case letters of the alphabet out of
sequence.



Assessed QCC's Cont.



- Language Arts Written Communication
- 20
- *Topic:* Reading
Standard: Associates sounds with letters.



Procedures/Activities

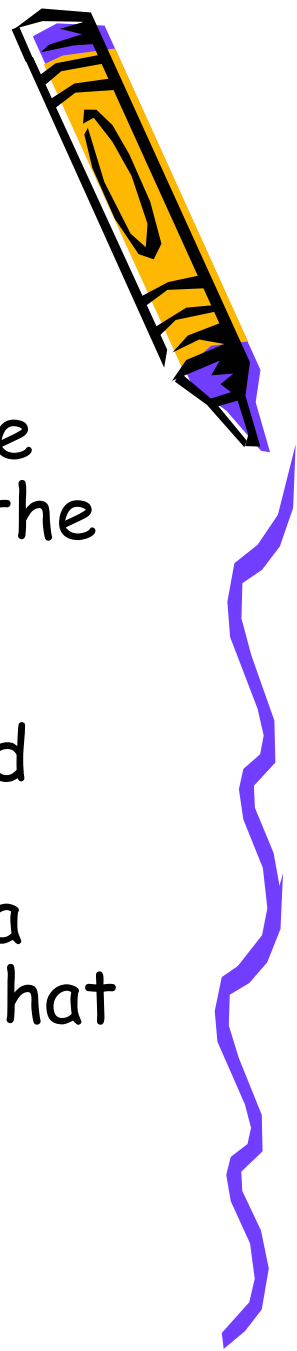


- Teacher Preparation: Find 26 quart-sized boxes. Send a note home to parents explaining that you are making letter boxes and that you need small items that begin with each letter of the alphabet to put in the boxes. Make sure that you have enough to put at least 5 items in each box.



Procedures/Activities

Step 1 cont.

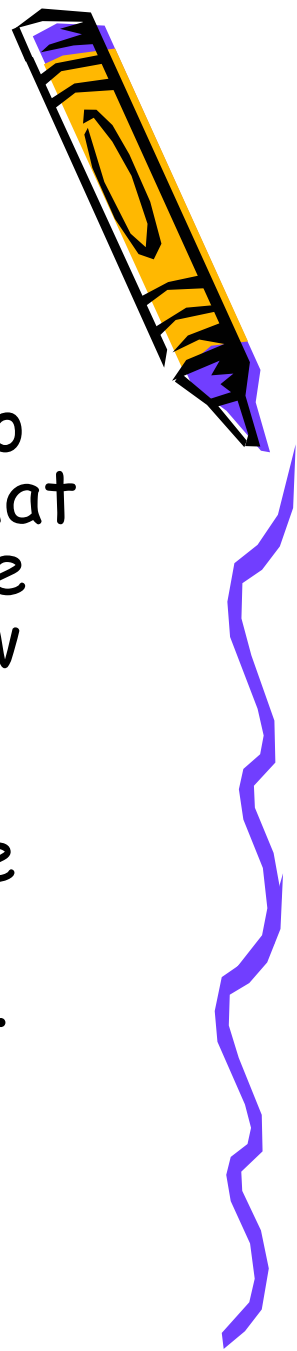


- Teacher Preparation: After you get the items for each box, write the name of the objects on 1 1/2 x 3" cards and place in the box with the objects. Place 5-10 objects in each box. Place the upper and lower case letter for each box on the front of the box. You may want to add a picture of something that begins with that letter.



Procedures/Activites

Step 2



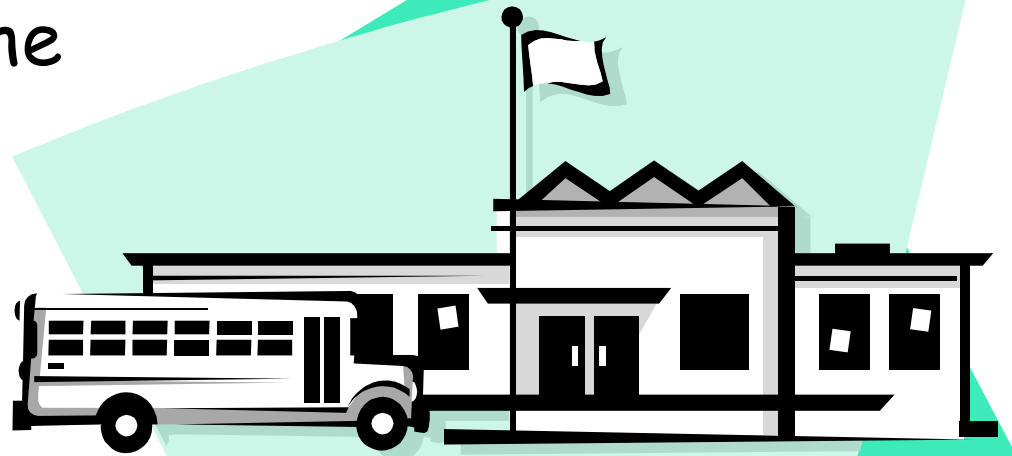
- Introduce three or four letter boxes to the class. Explain what the letter is/what sound it makes and let the children take turns pulling items out of the box. Show them the written word for each object and place them on a table behind the object. Have the students one at a time practice mixing up the words and then matching them with the correct object. Repeat each day with different letter boxes.



Procedures/Activites

Step 3

- At the end of the activity call on the students to say what letter it is, what sound it makes, and name something that begins with that letter.



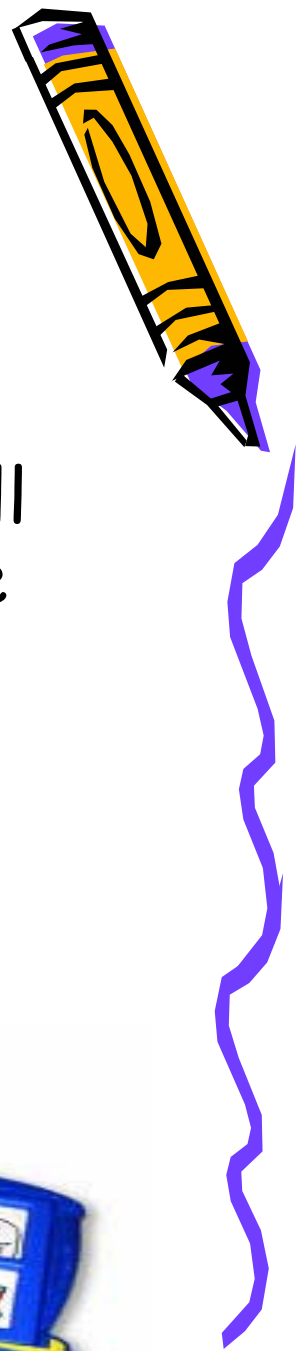
Materials and Equipment

- twenty-six plastic quart sized boxes.
- little objects for each box that begin with the letter for each box.
- 1 1/2 x3" cards for writing the names of the objects in the box.
- Markers



Adaptations for my class

- For one of the students in my class, who has trouble with verbal expression she will use a communication board to point to the pictures of words that begin with the corresponding letter instead of verbally saying the word. There will be several pictures for each letter to also provide choice and to incorporate the students prior experiences.



Technology currently used in classroom



- 2 Mac computers, one with an adapted mouse (SAM Trackball).
- These computers are all hooked up to color printers.
- T.V., VCR, and an Overhead Projector.



Technology currently in classroom



- Overview of the mouse currently used: Simply plug SAM-Trackball into wherever your current mouse is, and plug your switch/es into SAM. A switch plugged into one of SAM's switch inputs acts as the corresponding button, function (click, double click), or, with Biggy as a keystroke. The latching button is a useful drag-lock.



Description of Technology

SAM Trackball



- The SAM Trackball Operate all special needs software that can be operated by a mouse click or simple keystroke(s).
- Access all regular software, like that from any computer store! The switch-user does all the clicking of the mouse, through SAM, while you move it. This turns any computer activity into great cooperative fun.



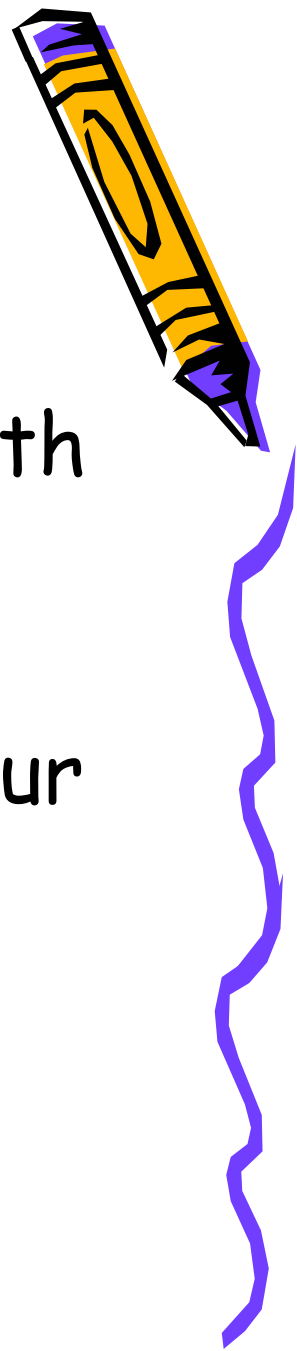
Description Of SAM Trackball cont.



- Allow a person with gross-motor hand (or fine-motor head) control to move the mouse, and do the clicking, double clicking, and click-lock (for drag) with other parts of their body
- Give complete computer control, of any software, to a single switch user by using Crosscanner.



Features of SAM Trackball

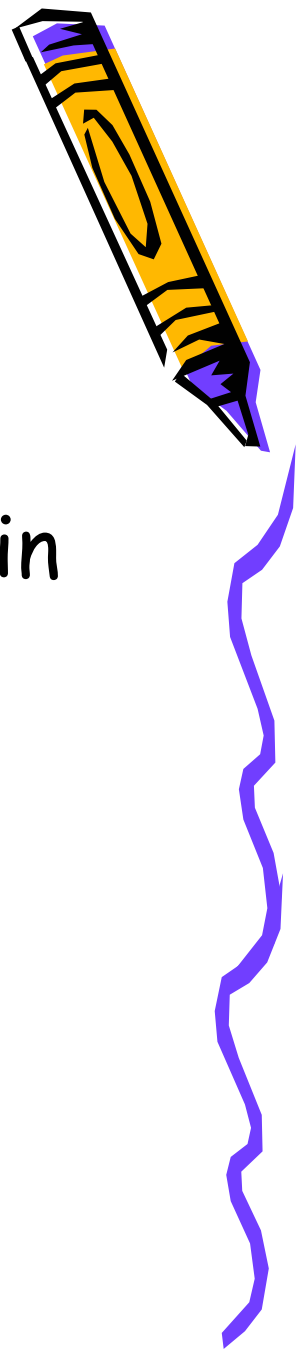


- **PC** - SAM Trackball comes with both serial and PS/2 connectors.
- **Mac** - SAM Trackball plugs into your mouse/keyboard/ADB port, to replace your mouse. USB version includes a USB adapter.



Pictures of AT device

- This is a picture of the SAM Trackball device that is currently in being used in the classroom.



Use of the SAM Trackball



- All students in the class use this mouse to as a single switch user, so they have complete control over the movements of the mouse.
- The students in the classroom benefit from this device because of their poor fine motor movements. With this they are able to have better control of the movements of the mouse.



Unmet Technology Needs

- All students still have a hard time typing because of their poor fine motor movements and their limited ability to identify certain letters of the alphabet



Enhancing the use of the technology in the classroom



- BigKeys Plus - multi colored (ABC order) For Children learning their ABCs. The multi-colored, ABC-order keys invites the youngest learner to have fun while learning to recognize the ABC's and interact with the myriad excellent teaching programs now available.

