

Math & Science Collaborative Inquiry Project

# Formative Assessment Techniques

TO FIND EVIDENCE OF LEARNING

## Mini Whiteboards

#### **Materials**\*

- Mini whiteboard for each student
- Whiteboard marker for each student
- Eraser for each student

Individual student whiteboards are simply a modern adaptation of the slates used in classrooms in the 1800s. This technique provides information about achievement for every student in the class at the same time.



Photograph provided by Microsoft

#### Procedure

The teacher poses a question. Each student, working individually, writes his response on a whiteboard. Scanning the whiteboard responses, the teacher is able to determine the students' achievement of the learning target.

#### Adapted from:

### Embedded Assessment

#### By Dylan Wiliam

© 2011

Solution Tree Press

### \*Sources for Materials

Individual student whiteboards may be purchased through school suppliers. However, it is possible to make your own from shower liner sold in 4X8 sheets at the lumber yard. Cut a sheet of shower liner into 32 1X1 foot square boards, sand the edges, and you have enough individual boards for 32 students. Another do-it-yourself whiteboard is made with white card stock placed in a clear plastic sheet protector. This form of whiteboard has additional benefits as different inserts may be used: maps, graph paper, templates, etc., replace the white card stock for a variety of lessons.

Old socks make easy to use erasers. Each student holds a marker with her writing hand and slips a sock over her erasing hand.