

Literacy Strategies in the Math Classroom

Susan Whitaker, Department Head
Geometry and MMA

Mary Pate
Algebra I and Geometry
Lake View High School
San Angelo, Texas

Birthday Cards

- Colored index cards
- Variety of decorative stickers
- “In one sentence, describe your favorite memory.”

Resources:

- *Two Parts Text Book, One Part Love-A Recipe for Successful Teaching* by Louanne Johnson

Math Autobiography

Suggested prompts:

- How did you feel about math in elementary and junior high school?
- What are the qualities of a good math teacher? Of a bad math teacher?
- Is there one experience, in particular, that is responsible for your feelings about math?

Resources:

- Dr. Cheryl Hines, Angelo State University Pearl of the Concho Writing Project
- *Writing to Learn Mathematics* by Joan Countryman

Paper Plate Construction

- Identify and define the attributes of circles
- Construct a sphere and demonstrate its relationship to the formula for surface area

Resources:

- *Folding Circle Tetrahedra, Truth in the Geometry of Whole Movement* by Bradford Hansen-Smith

Contact Us At:

Susan Whitaker

susan.whitaker@saisd.org

Mary Pate

mary.pate@saisd.org