

Name: Heidi Nunley

Grade Level/Subject: 8th Math

Topic: Variables and Evaluation using X is for x

Objectives (P.A.S.S.): Standard 2.1a Equations - Model, write and solve 2-step linear equations using a variety of methods.

Introduction: The teacher will read the excerpt "X is for x" from the book "G is for Googol, A Math Alphabet Book" by David M. Schwartz. The teacher will then lead a class discussion on how variables are used and get the students to relate the use of variables to real life situations

Instructional process: The teacher will give examples of equations with variables on the board and solve the equations. The students will then come up with their own equations. As the students become more comfortable with the process, they can explore more difficult equations.

Closure: The teacher will give the attached quiz over variables and solving equations.

Assessment: The quiz will be graded and recorded in the gradebook.

Modifications/Accommodations: An ELL student can take the book with the story "X is for x" to their ELL resource and the teacher will translate the story into Spanish. A special education student will have extra time and start out with simple equations.

Reflection: The students really liked the story