

1046-J1-983

Karen D. Ivy* (kivy@njcu.edu), New Jersey City University, 2039 Kennedy Blvd, Jersey City, NJ 07305. *The Four R's in Math Education: Reading, WRiting, ARithmetic, and Rhyme.*

Many students who walk through the corridors of schools, colleges and universities find mathematics to be a difficult subject to learn. Variations in learning styles are often due to how successful a student has been in translating a new idea into a well-understood concept. Poetry can help a student make this connection. If one thinks of poetry as merely deep thought about a particular topic and the writer's innate ability to express those feelings, then one can understand how math educators may use poetry in mathematics to help students improve both their communication skills and math vocabulary. Students are encouraged to choose a topic and write about it using mathematical overtones or undertones. By marrying content, pedagogy, philosophy, and psychology, the speaker engages the students in learning mathematics and about themselves through poetry. (Received September 13, 2008)