

THE PSYCHOLOGY CLUB

presents

“Where Do Numbers Come From”

Primary-Grade Mathematics Via Vygotsky

Presented by:

Dr. Gail Richardson

Why is school mathematics difficult? What causes elementary students to struggle, and why can't more students in Middle and High School achieve higher levels of proficiency?



measurement.

According to Russian psychologists working in the tradition of Vygotsky, the explanation goes all the way back to children's first encounters with formal mathematics, when they learn about numbers through counting instead of

The presentation will make use of 1st Grade curriculum materials to illustrate a Vygotskian route to engaging young children deep mathematical thinking through activities of comparing, constructing and measuring everyday quantities – length, area, volume, mass.



Video clips from several New Jersey classrooms will be shown.

Wednesday, November 14th

2:30pm • Room M-158

2007