Homemade Manipulatives and the Mathematics Classroom

An old Chinese proverb often quoted for the mathematics classroom states: “Tell me and I'll forget; Show me and I'll remember, Involve me, and I'll understand”. Yet involving students effectively takes some interesting and engaging activities, as well as some careful planning. This mathematics teaching circle will explore various activities, using homemade materials that can be used to help involve students in a variety of K-12 mathematics topics. Strategies such as cardboard balances, card sorting, term matching, and puzzles can be easily extended to teach important mathematical concepts at a variety of levels. This teaching circle will be facilitated by Dr. Neal Grandgenett, the Haddix Community Chair of STEM Education at UNO. In addition, some time at the end of the evening will be made available for participating teachers to demonstrate or mention their own favorite homemade manipulative activities.

Dr. Neal Grandgenett is a Professor of Mathematics Education at the University of Nebraska at Omaha, the CoLiaison for STEM at the Strategic Air and Space Museum and the Dr. George and Sally Haddix Community Chair of STEM Education. He received a BS in Education and a MS in Math Education from the University of Nebraska at Omaha and he received a PhD in Curriculum and Instruction from Iowa State University.

Tuesday, January 29th
4:15-6:00 P.M.
University of Nebraska Omaha Alumni Center
Refreshments will be served
Teachers from all grade levels and schools are welcome!

QUESTIONS? CONTACT A COMMITTEE MEMBER:

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