

Nancy Anderson



For the majority of her formal career of teaching math fundamentals in public educational settings in Oregon, and up until her passing in 2013, Nancy Anderson followed her passion for helping teachers understand how to bring meaning and excitement to mathematics in the classroom. As a consultant working in districts around the northwest and at regional and national math conferences, Nancy was widely appreciated for her enthusiasm and expertise. Nancy's life work will continue through these workshops.

Memorial Workshop

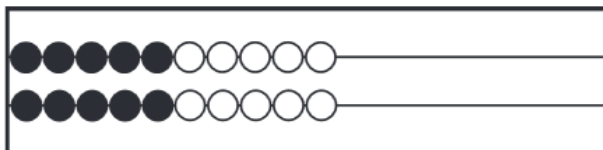
Making Math Education Count using Manipulatives.

This year's Nancy Anderson Memorial Workshop will target teachers in Pre-K - grade 2. The focus will be on models and activities to promote early number sense and each participant will receive a Rekenrek to use in their classroom.

What is a Rekenrek?

Directly translated, rekenrek means calculating frame, or arithmetic rack. Adrian Treffers, a mathematics curriculum researcher at the Freudenthal Institute in Holland, designed it to support the natural mathematical development of children and to help them generate a variety of addition and subtraction strategies, including doubles plus or minus 1, making 10's, and compensation. Students can use the rekenrek to develop computation skills or solve contextual problems. Once children understand the operations of addition and subtraction, and can model various situations, it is important that they automatize the basic facts by finding and using patterns and relationships. Unlike drill and practice worksheets and flashcards, the rekenrek supports even the youngest learners with the visual models they need to discover number relationships and develop automaticity.

The rekenrek looks like an abacus, but it is not based on place value columns or used like an abacus. Instead, it features two rows of 10 beads, each broken into two sets of five, much like the ten frames used in Bridges in Mathematics.



Participants will receive a classroom set of all materials at no additional cost. It is limited to the first 25. The goal is to encourage all regions of the state to be represented. Please indicate that you are preK-2 at registration and you will be added to the list. The count will be based on the date of registration from PayPal or postmark.

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