

1106-K5-213

Sherrie Serros* (serrossj@uwec.edu) and **Kathryn Ernie**, WI, and **Erick Hofacker** and **Barb Bennie**. *Rich Mathematical Tasks Aligned with Common Core Math Standards*.

Over the last two-plus years our Mathematics Science Partnership Grant “Math Transition into the Common Core Era” has focused on teachers meeting standards through the implementation of rich mathematical tasks. Once implemented, tasks focus not only on the content standards, but also on the practice standards.

We will share examples of rich mathematical tasks for both the middle school and high school levels. Tasks will focus on areas from: modeling, algebra, function, ratio & proportion, statistics, and probability. Some of these tasks have been created and modified by our participants, while others have come from leveraging existing Common Core resource databases that are available on the web. Lots of time has been spent discussing what constitutes too much scaffolding with students when implementing tasks like these in the classroom. While working on these tasks an emphasis is placed on having each individual or group share their different reasoning and representation. Full group discussion is used to provide an understanding of each person’s thought process. Mini-whiteboards and technology are used to display their work. (Received August 11, 2014)