

1106-VD-1279 **Julie C Beier*** (beierju@earlham.edu), 801 National Road West, Drawer 138, Richmond, IN 47374, and **Carolyn Yackel**. *Developing Metacognition in Students' Learning of Mathematics*. Preliminary report.

There is significant literature about the ordering in which students acquire certain mathematical concepts, but we instead ask through what stages do students progress as learners of mathematics. In this talk, we share our preliminary levels for student sophistication as mathematical learners and how this information may be utilized to help student growth. Subsequently, we look at rubrics that can be implemented to help students develop metacognition and share initial observations about the success of this tool. (Received September 11, 2014)