

1116-A5-1917 **Vicky W Klima*** (klimavw@appstate.edu). *Encouraging Careful Questioning Through Two-Color Problem Sets*. Preliminary report.

As teachers of mathematics we encourage our students to ask good questions and we strive to help our students find and understand answers to these questions. If we find careful questioning important, we should include such ideas in our assessment. In this talk, we discuss two-color problem sets in which students record what they do and what they do not understand about a problem, asking pointed questions about whatever is troubling them. In class, the students discuss their questions and use colored ink to record the answers they find. We will present our assessment strategy for these two-color problem sets, initial student reaction to the problem sets and their assessment, as well as evidence of student growth as students complete the problem sets throughout the semester. (Received September 21, 2015)