

1106-N1-554

Jacqueline Jensen-Vallin* (jacqueline.jensen@lamar.edu). *Teaching College Algebra Students to Formulate Questions*. Preliminary report.

We know it is beneficial to train students to think critically and mathematically during their early mathematical lives. To this end, I teach Intermediate Algebra and College Algebra in an inquiry-based learning style. The students read the textbook before class and formulate questions about the material to be covered in class the next day. During class they solve problems about that topic, and solutions are presented and discussed before the end of the period. After class they then complete standard homework about the topic, and are encouraged to bring any unresolved homework, worksheet or reading questions for the next class period. We will discuss this method of engaging students, focusing on how student questions evolve during the semester, and on student feedback. (Received September 02, 2014)