

1116-00-1824 **Tyler J Jarvis*** (jarvis@math.byu.edu), Department of Mathematics, 275 TMCB, Provo, UT 84602. *“Yours was the hardest class I’ve ever taken—I want more”*.

When students complained that math is hard, boring, and useless, I used to think they were just lazy. But in the right setting, these same students love to learn, work very hard, and enthusiastically recruit their friends to join them for more math.

I will share some things that seem to help with this wonderful transformation, including surprising successes of an ambitious teaching experiment at BYU. (Received September 21, 2015)