

1086-E1-155

Joan E Brown* (joan.brown@enmu.edu), 1500 S. Ave K, Station 18, Portales, NM 88130, and
Tom R Brown. *Developmental Math Redesign - What's Been Working.* Preliminary report.

Low pass rates and low retention are big issues in developmental math. Many post-secondary institutions not only are redesigning the way developmental math is taught, but also redesigning what math is taught. We will describe and show you what we have been doing to redesign our developmental math sequences and what innovations have shown success or the promise of success. We will show you our success rates for one course and our success rates for our developmental sequences before and after changes. Our redesign strategies include the Emporium Model, design of a one course prerequisite for college level math, and technology in the classroom. We will also describe and show you how we have joined the technology era and how that change has dramatically improved our students' success beyond anything we have tried in the past. Technology enhancements we will present include tablet PCs, lecture guides, wireless projectors, document cameras, laptop carts, computer labs, lesson videos, and homework software. (Received July 30, 2012)