

1116-E1-2650 **Mary R Parker*** (mparker@austincc.edu) and **Hunter Ellinger** (hunter@ellinger.org).
Lessons from a teacher-developer collaboration on a set of open-source educational web apps. Preliminary report.

Differences in perspective between teachers and developers can impede efforts to make full use of the expanded opportunities for free instructional apps, even when both parties have a deep understanding of the mathematics involved. A mathematics professor and a software developer, each with decades of experience in their respective fields, report on how they overcame these difficulties when developing a set of open-source web apps. These specific apps enhance statistics instruction, but the lessons learned apply broadly to the development of educational apps. <http://visualize.tlok.org/> (Received September 22, 2015)