

ZMATH 2016a.00996

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High-leverage iPad apps for the mathematics classroom.

Math. Teach. (Reston) 107, No. 9, 706-711 (2014).

From the text: The use of iPads in the classroom is growing. In the 2013–14 school year, 57 percent of schools planned to invest in iPads. This investment can benefit mathematics classrooms only if teachers know which apps they can use to help students develop deeper mathematical understanding. Although learning about and developing facility with various apps is valuable for mathematics teachers, the process can be difficult, overwhelming, and time-consuming. To get started, we recommend one app, Dropbox, that can be used to share materials within the classroom setting, and then we suggest three free, easy-to-use mathematics apps: Sketchpad Explorer, Data Analysis, and MathGraph.

Classification: U70

Keywords: tablet computer as educational medium; educational media; educational software; mathematical software; telecommunication; sharing classroom materials; Geometer's Sketchpad files; elementary geometry; dynamic geometry; data analysis; graph of a function; transformation of functions

<http://www.nctm.org/Publications/mathematics-teacher/2014/Vol107/Issue9/Technology-Tips.-High-Leverage-iPad-Apps-for-the-Mathematics-Classroom/>