

**ZMATH 2016e.01045**

**Wall, Jennifer J.; Beatty, Heidi N.; Rogers, Michael P.**

**Apps for teaching, not just reviewing.**

Teach. Child. Math. 21, No. 7, 438-441 (2015).

From the text: Because we were interested in an app that we could use to teach – not just review – multiplication and could not find one, we decided to develop our own. The result is Fruit Plate Math, a free iPad app. The plates and fruits illustrate the equal-size-groups model of multiplication. Students can see groups as fruits on a plate or as fruits arranged in an array. The app also shows four different ways of representing the number of fruits, as a “groups of” statement, as a multiplication expression, as the total number of fruits, and as a repeated addition expression.

*Classification:* U72 F32

*Keywords:* arithmetic; multiplication; teaching; primary education; information technology; apps; computer as educational medium; tablet computers; mobile phones; visualization; array view; distributive property; numbers up to 100; fluency; practice problems; discovery learning; educational software