ModMath

Tool Description

ModMath is virtual graph paper developed by a parent and offering a free basic version for iOS with in-app purchases for higher math. ModMath app was designed to help kids with dysgraphia and dyscalculia to solve math problems without needing to pick up a pencil.

What is the challenge the tool can solve?

It is known that children with dyscalculia can have difficulties in writing and transcribing numbers and struggle with lining up columns in order to do mathematical operation which makes it harder to master math concepts like regrouping, long division, or multiplication with multiple digits, not to mention more complex concepts like algebra.

What are the benefits for Dys persons?

The main goal of creators of that assistive technology was to make things easier for any child that struggles with a learning disability or a physical disability.

ModMath provides students with a virtual piece of graph paper, where they can set up math problems in a format that's easily legible. Students can work on computers but also the work pages can be printed out and used at school, also working sheets can be uploaded to Dropbox or sent via e-mail.

Example of use in daily life

ModMath It is a pencil-free platform where students can do basic arithmetic, such as addition, subtraction, multiplication and division, see the picture below.
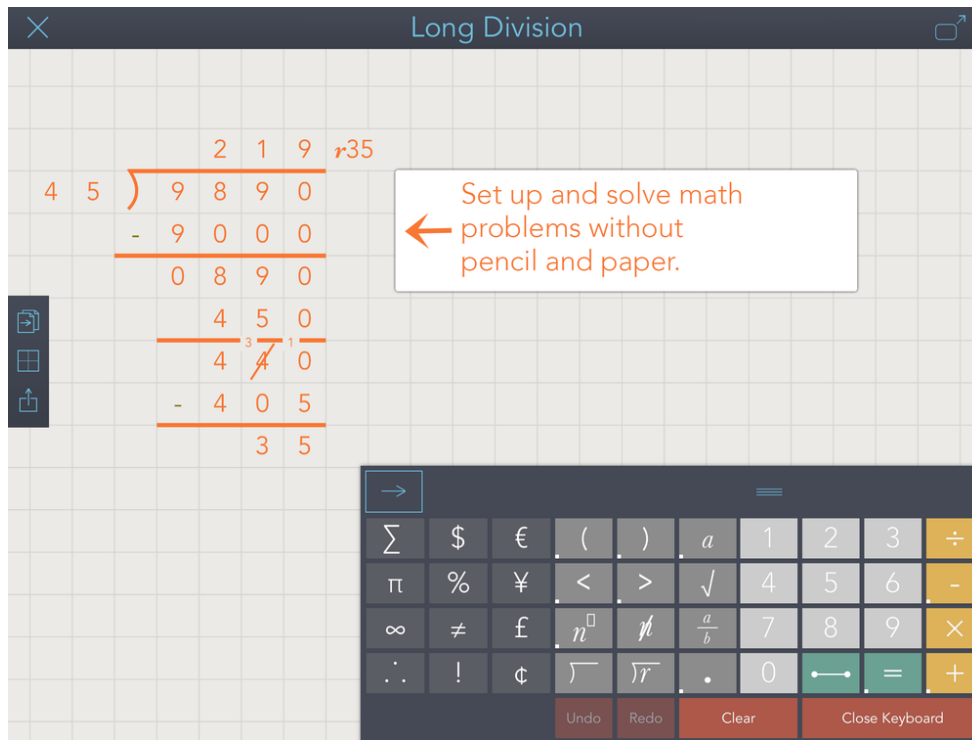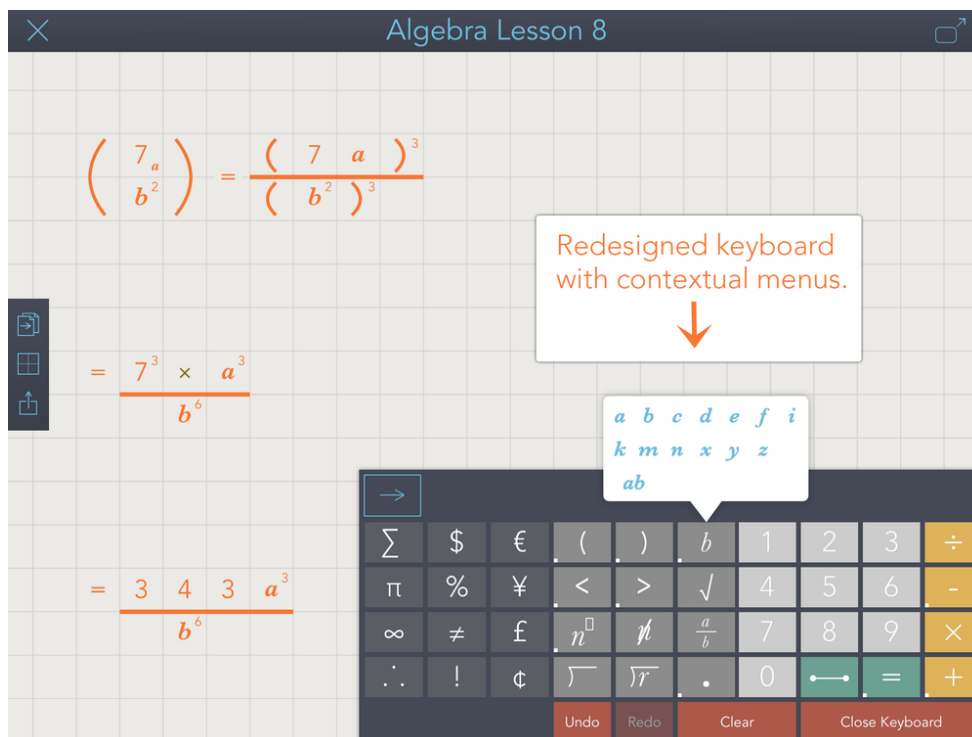
Photo retrieved from http://www.modmath.com/

Also it can help students perform more complex tasks like math fractions, square roots and algebraic equations. It offers a redesigned keyboard with contextual menus.

ModMath can be found on the following link: https://play.google.com/store/apps/details?id=air.com.scholastic.fmngmobile