10 educational iPad apps recommended by Explore Knowledge Academy

Posted By <u>eSchool News</u> On February 22, 2012 @ 8:07 pm In <u>News</u> | <u>Comments Disabled</u>

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When Explore Knowledge Academy has its grand opening celebration in March 2012, it will become the first "iSchool" in Nevada, with a 1-to-1 ratio of iPad tablets to students.

EKA students as young as kindergartners use the iPad to learn traditional subjects in math, English, social studies, and science. (To read about their experience, click <u>here</u> [2].)

Here are the 10 iPad applications used by educators at the public charter school and recommended for other schools and families with iPads.

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BrainPop

BrainPOP is a subscription-based application that brings 750 or more movies and quizzes in science, math, social studies, English, engineering, art, and health to the iPad. Users can watch an animated movie on a particular subject and then test their knowledge by taking an interactive quiz. The iPad application is free, but it costs between $1.99 and $6.99 per student, per month to access education materials.

Cell and Cell Structure

Cell and Cell Structure is a graphic application that teaches middle school students about cells, cell structure, and function. Users can view 3D interactive graphics on different cell types and parts, take quizzes to test their knowledge, and use flashcards to review and memorize information. Videos also give users a microscopic view of the cell. The app costs $2.99 in the App Store.

ConjuVerb

ConjuVerb is a foreign language application that allows students to look up more than 600 commonly used Spanish verbs and their conjugations. Quizzes and flashcards help students memorize and test their knowledge. It's free in the App Store.

Dinopedia

Dinopedia is a reference guide created by National Geographic for dinosaur connoisseurs. Students can look up more than 700 dinosaur types using the application and get audio pronunciations, vital statistics, size comparison, and videos about each of the dinosaurs. A visual table of contents and an interactive family tree allow students to quickly search for their favorite dinosaurs. It costs $4.99 in the App Store.

Discover

Discover is a reference application for the iPad that repurposes Wikipedia articles for the tablet user. It's free in the App Store.

Math Bingo

Math Bingo is an educational iPad game modeled after bingo. Elementary school students try to get five "Bingo Bugs" in a row by correctly answering math problems. Scores are

determined by how fast students complete a game, and students are assessed a two-second penalty for every incorrect answer. It costs 99 cents in the App Store.

Math Drills

Math Drills is an educational application that tests up to 50 students in addition, subtraction, multiplication, and division. Students can use number lines, wooden blocks, facts, and hints to solve problems. Teachers can view an individual student's scores and test history to see which concepts need to be reviewed. The app costs $1.99 in the App Store.

Penultimate

Penultimate is a handwriting and note-taking application for the iPad. Students can scribble notes on digital pages and sort them into notebooks. They can also import photos into the application and annotate them. It costs 99 cents in the App Store.

Scientific Graphic Calculator

Scientific Graphic Calculator is a math application for the iPad that allows students to solve math problems needing a scientific calculator or a graphing calculator. The application also contains a triangle solver, which solves for a missing side or angle in geometry problems. Students can also use a unit converter and a constants reference to complete math problems. It costs $1.99 in the App Store.

Word Wizard

Word Wizard is a spelling application for the iPad that allows students to hear sounds of letters and words using an interactive alphabet. The application also provides a spelling quiz with more than 1,400 questions and answers. Elementary school students can tap on alphabetic or QWERTY keyboards. It costs $2.99 in the App Store.

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