

Apps for Learning

December 2011

With nearly 519,000 apps—over 49,000 in the Education category—available in the Apple App Store, the Office of Educational Technology at the Virginia Department of Education is leveraging these mobile technologies to expand learning opportunities for students and families. Mobile devices are an integral part of children's lives and the majority of children in the United States have access to a mobile device. Virginia is tapping these devices to deliver standards-based, engaging content to meet the specific needs of Virginia's learners.

Several initiatives are adding to the growing collection of apps. Two Virginia Mobile Learning Apps Development Challenges were conducted focusing on social studies and mathematics. Based on the Standards of Learning (SOL) and an analysis of student performance by

question test data, apps on key social studies and mathematics priorities have been developed to motivate students and enhance their learning. Internet safety apps have been developed to complement the Professor Garfield Internet Safety and You lessons. Competitive grant recipients through the Enhancing Education Through Technology (EETT) program have used a portion of this funding to develop apps to promote student-directed learning and enrichment beyond the classroom. Finally, the *Beyond Textbooks* initiative is resulting in apps that challenge our thinking about textbooks.

All apps are available as free downloads from the Apple App Store.

Here is a selection of some of the apps:



Early Jamestown



Beyond Textbooks
2010: American
History Games



Beyond Textbooks
2010: American
History Test Prep



Beyond Textbooks
2010: World History
Games



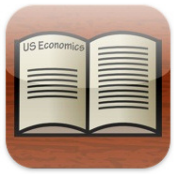
Beyond Textbooks
2010: World History
Test Prep



Westward Expansion



Pass the Past



Governomics



C2C! (Coast to Coast)



European Exploration:
The Age of Discovery



Nation Creation



Number Line



Freddy Fraction



Fraction Factory



iCatchSquares



Math Stacker



Professor Garfield
Cyberbullying



Professor Garfield
Online Safety



Professor Garfield
Fact or Opinion



Professor Garfield
Forms of Media



Computer Carl



Grammar Dragon



Opposite Ocean



Opposite Ocean
Part II



Same Meaning Magic



Same Meaning Magic
Part II



Same Sound
Spell Bound



Sticker Shop



Master the Math



Apples in Hour Hands



Egberta's Equations



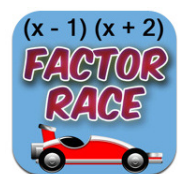
Disaster Chasers



Zeppelin Adventure



Portion Platter



Factor Race



Aesop's Quest



Equation Creator



Cell Defender



Brain Flash



History Line



Spelling Cat