

7 Apps to Enhance Learning Using Technology in the K-5 Science Classroom



Body Organs 4 Kids (\$0.99)

by Nth Fusion LLC

Body Organs 4 Kids is a great app to learn about the body. It includes: the brain, heart, lungs, ear, eye, skeleton, muscles, digestive system, kidneys, and much more.



Kid Weather (\$1.99)

by Just In Weather

Kid Weather uses current weather in your location. The students will be able to see current weather, the forecast, and what to wear. The app has a graphing feature for STEM activities.



A Life Cycle App (\$0.99)

by Nth Fusion LLC

Life Cycle app has visual representations of the life cycles of frogs, butterflies, plant life, rocks, and water along with the phases of the moon, pollination and fertilization, and photosynthesis.



Earth Now (Free)

by Jet Propulsion Laboratory

The app was written by NASA. It includes current data from the earth such as air temperature, carbon dioxide, carbon monoxide, gravity field, ozone, sea level, sea surface salinity, visible earth, and water vapor.



Hopscotch (Free)

by Hopscotch Technologies

Students will learn how to code games, projects, and other classroom activities. The app is user friendly. Students will be able to share what they have worked on with the teacher and with other students. There are also projects from other students to get ideas.



Star Walk™ - 5 Stars Astronomy Guide (\$2.99)

By Vito Technology Inc.

Star Walk is a beautiful stargazing app for mobile devices. It's an interactive astro guide to the night sky, following your every movement in real-time and allowing you to explore over 200,000 celestial bodies with extensive information about stars and constellations.

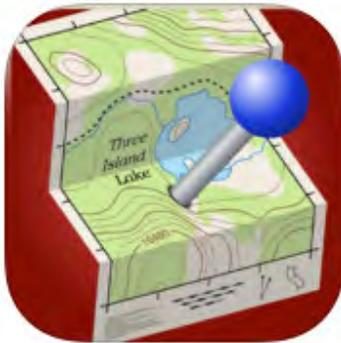


Fun Science Lab (\$2.99)

By Zonkey Interactive

The Fun Science Lab is designed to give kids a fun and entertaining way to learn some basic principles of science by encouraging them to interact with the different elements in each experiment and igniting their curiosity.

MORE APPS



Topo Maps (\$7.99)

By Phil Endecott

Topo Maps gives you iPad access to over 70,000 USGS and Canadian topographical maps.

- Search by name for over a million towns, peaks, lakes, parks, and other features.
- Touch the “current location” button to see where you are, and the compass button to align the map with the ground.



Gene Screen (FREE)

By Cold Spring Harbor Laboratory

Gene Screen is a fun way to learn how recessive genetic traits and diseases are inherited and how certain diseases are more prevalent in different populations. Gene Screen also provides information on some recessive genetic diseases and genetic screening programs.



Physical Science Interactive Glossary (FREE)

By CPO Science

Physical science is the study of matter, energy, and change. This excellent reference tool is a glossary of physical science terms presented through simulations, video, science content, and flash cards. The glossary presentation is geared toward middle and high school students and appeals to a wide range of learning styles.



Matter by KIDS DISCOVER (\$3.99)

By KIDS DISCOVER

Take an in-depth look at matter's many mixed-up forms, learn about the difference between chemical and physical changes, and examine matter's four possible states: solid, liquid, gas, and plasma.



Coaster Physics (\$0.99)

By Ziconic

What are the laws of physics governing the motion of a roller coaster? How are speed and acceleration related? How does the g-force change at different points along the track?



Gravity Launch (FREE)

By American Association for the Advancement of Science

Welcome to Gravity Launch, where you will pilot a rocket in a series of challenging missions to dock with space stations.

Adjust your launch point to send your spaceship out in the right direction and your thrust to give your craft more (or less) oomph. But remember! Earth and the moon both have gravity that must be overcome in order not to wreck your ship before you reach your destination.



Seasons and Weather! (FREE)

By Tribal Nova

Seasons and Weather will get your child ready for school with these fun science learning games for kids in preschool and kindergarten! Poko will help your child learn to identify various weather situations in different seasons and will teach your child all about weather appropriate clothing and activities.



Clever Bird (\$1.99)

By Clever Bird LLC

Spark your child's interest in science with simple lessons that use everyday experiences. Lessons are given by Mr. Clever Bird using funny illustrations and a funnier voice. Lessons include:

- * Air, Evaporation, Condensation, Rain
- * Light, Reflection, Colors
- * Weight, Density, Floating and Sinking
- * Stars, Planets, Revolution, Rotation
- * Sound, Speed of Sound and Light



Move the Turtle - Programming for Kids (\$2.99)

By Next Is Great

A friendly turtle will introduce your child step by step to the basic concepts of programming in a colorful graphic environment. Who knows, maybe your child will be the next outstanding programmer!

By completing the tasks, one after another, your child learns:

- * how to plan complex activities composed of simple elements,
- * how to reuse previously completed work, and
- * how to use graphics, spatial orientation, and sound in programming

Your child will also become familiar with the notions of loops, procedures, variables, and conditional instructions.



Science 4 Kids - Volume # 1 to learn and practice

By Nth Fusion LLC

This iPad app is designed to improve the science skill of any child ages 7- 11 years. The lessons in this app promote learning of science concepts associated with plants, animals, human body systems, traits, and recycling.



Educreations (FREE)

By Educreations, Inc

Educreations turns your iPad into a recordable whiteboard.

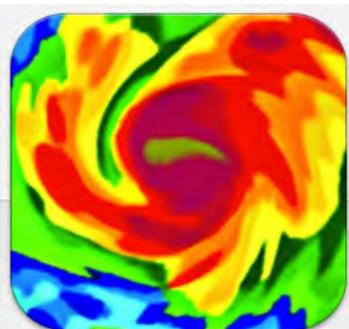
- Help students with homework by working through an example problem.
- Put your lessons on the web so students can watch them before and after class.



Khan Academy (FREE)

By Khan Academy

The website features 700 micro lectures via video tutorials stored on YouTube teaching mathematics, history, healthcare, medicine, finance, physics, chemistry, biology, astronomy, economics, cosmology, organic chemistry, American civics, art history, macroeconomics, microeconomics, and computer science.



NOAA Hi Def Radar (\$1.99)

By WeatherSphere

Simple yet powerful, this is the only app in the appstore that shows amazing real-time hi-def animated weather radar images in vivid color with hurricane tracks and lightning strikes on a highly responsive interactive map, along with weather forecasts, severe weather warning boxes, storm direction arrows, wildfires, current drought severity, and snowfall on the same map.