**Content Area Apps**

**Science**

1. **3D Brain- Use your touch screen to rotate and zoom around 29 interactive structures. Discover how each brain region functions, what happens when it is injured, and how it is involved in mental illness. Each detailed structure comes with information on functions, disorders, brain damage, case studies, and links to modern research-Free**
2. **3D Sun-A major solar flare erupts on the sun. Before long, your phone chirps in your pocket to let you know! Pulling out your phone, you see a 3D view of the sun — a digital reconstruction of satellite images freshly downloaded from NASA's "STEREO" satellites, orbiting millions of miles away. You rotate the sun with your finger to view it from any angle. You pinch in and out to zoom in for a closer look at the sun's ever-changing surface.-Free**
3. **3D4 Medical- 3d medical images-Free**
4. **Dino World3D-Description: Dinosaur World. From A-Z. Over 900+ data and 3,400+ photos. What an adventure and super collection of recreated models, beautiful illustrations, drawings and fossils, Also find classification, order, genus, family, species, and soo much more. Learn how to pronounce Dino names. Definitely a fun and resourceful App for DINO NUTS!! Have fun. NO Subscription needed!!! No Internet connection necessary!-$5.49**
5. **GTT ZOO- explore animals from zoos all over the world. Lite version is free, paid version is $2.99**
6. **NASA-The first official NASA App invites you to discover a wealth of NASA information right on your iPhone or iPod Touch.The NASA App collects, customizes and delivers an extensive selection of dynamically updated information, images and videos from various online NASA sources in a convenient mobile package. Come explore with us. Free**
7. **Pocket Pond-Create relaxing ripples while you enjoy the sounds of nature. Interact with the fish - scare them, feed them, and watch their schooling behavior. It's your own personal pond to cleanse your worries and free your mind.-Free**
8. **Science 360-The National Science Foundation’s (NSF) Science360 for iPad provides easy access to engaging science and engineering images and video from around the globe and a news feed featuring breaking news from NSF-funded institutions. Content is either produced by NSF or gathered from scientists, colleges and universities, and NSF science and engineering centers.-Free**
9. **Leaf Snap HD-Leafsnap is the first in a series of electronic field guides being developed by researchers from Columbia University, the University of Maryland, and the Smithsonian Institution. This free mobile app uses visual recognition software to help identify tree species from photographs of their leaves. –free**
10. **POMT-Powers of Minus Ten lets you interactively zoom into a human hand and explore environments with scientifically-accurate 3D content. Discover some of the basic concepts in biology and learn about the structures of a few of the key cells, proteins, and molecules found in our bodies.-free**
11. **Hudson Alpha ICELL-The 3d looks are very cool. I like that it tells you about the functions of the cells by selecting it. Very good app to my opinion. –Free**
12. **Skyview Free- SkyView Free is a powerful and easy-to-use App that answers these questions and more. Simply point the camera to the sky, tap on what you see and discover really neat things about these sky objects. SkyView Free is unique because it blends the camera view with incredible 3D graphics of the sky objects to provide a really neat Augmented Reality (AR) view of your sky. Free**
13. **Anatomy Lite-How fast can you point to your liver or gall bladder? Do you know the difference between, the sacrum and the manubrium? Speed Anatomy is an addictive game that tests your speed and challenges your knowledge of human anatomy! Free**
14. **Discovery-With the FREE Discovery Channel iPhone application you’ll get new videos, daily news stories, quizzes, photos, TV schedules and more. Illustrating the world in all its wonder, diversity and amazement, Discovery Channel creates the highest quality content to ignite your curiosity, immerse you in the how and why, and satisfy you with information. Free**

**Social Science**

1. **Google Earth-Hold the world in the palm of your hand. With Google Earth for iPhone, iPad, and iPod touch, you can fly to far corners of the planet with just the swipe of a finger. Explore the same global satellite and aerial imagery available in the desktop version of Google Earth, including high-resolution imagery for over half of the world's population and a third of the world's land mass-.Free**
2. **Stack the States-As you learn state capitals, shapes, geographic locations and more, you can actually touch, move and drop the animated states anywhere on the screen. Carefully build a stack of states that reaches the checkered line to win each level.You earn a random state for every successfully completed level. All of your states appear on your own personalized map of the United States. Try to collect all 50! As you earn more states, you begin to unlock the three free bonus games: Pile Up, Puzzler and Capital Drop. Four games in one! Lite version is free, 99cents**
3. **Tour Wrist-With Tour Wrist®, iOS devices become portals. So when you point your device up, you’ll truly appreciate a new property’s grand staircase. Turning around will give you the full stadium seating experience. And looking down will reveal just how much leg space a vehicle has to offer. And even if you don't have an iPhone 3GS, iPhone 4, iPad or newer iPod Touch, you can still view "tours" through our intuitive, touch-based controls. Check out travel destinations one minute, hotels and restaurants the next, or even look inside new homes. With powerful search, sort and sharing tools, Tour Wrist® gives you the power to travel, remotely.- Free Very Cool!**
4. **Civil War Americas Epic Struggle-Civil War: America's Epic Struggle Features over 1,000 high-res photos, more than an hour of multimedia presentations, in excess of 100 authentic maps, dozens of first hand accounts, and numerous text articles and biographies, it provides instantaneous access to information on every aspect of the war. The app automatically optimizes images and text depending upon the display: iPad, Retina, or iPhone; portrait or landscape orientation. -$4.99**
5. **First Hand History of America-This is the absolute best app for American History available including nearly 700 documents and accounts. This one-of-a-kind set includes 12 volumes of original sources spanning 9 centuries. No other app gives you more firsthand accounts and documents of American history than this unique collection. $3.99**
6. **The world factbook for the Ipad-The complete CIA World Factbook at your fingertips, including extensive information on more than 250 countries and locations throughout the world. Whether you're an avid traveler, a busy student, or someone who just likes to stay informed, this is the app for you! $1.99**
7. **World Book This Day in History for the Ipad-This Day in History for iPad is an interactive multimedia calendar that displays historical events for the current day or any selected day, along with related media such as photos, illustrations, music, and speeches. You can hear the national anthems of countries on the day they became a nation, listen to presidents’ speeches on the anniversaries of their inaugurations, and play sound clips from famous artists on their birthdays.**
8. **The Oregon trail- Classic Apple game for the Ipad. .99Cents**
9. **Geo Walk HD- 3d world fact book- "Geo Walk is also an educational app, and features a rotatable model of Earth, with various landmarks and places touchable on it. Click on the Eiffel Tower, and you'll get a picture, as well as a quick blurb about the structure. The design seems to be the same as the other Vito apps -- create an interface that's fun and easy to navigate around, and then fill it with as much information as possible. $2.99**
10. **7 Billion-National Geographic magazine presents 7 Billion: How your world will change - to coincide with the arrival of the 7 billionth human being to our world. This app explores the challenges of a growing human population in a world of limited resources with informative videos, interactive maps, in-depth articles, and stunning photography. Free**

**Language Arts and Reading**

1. **Bluster-This word matching game develops vocabulary and word understanding for school-aged children, or anyone brave enough to battle the elements.- Free. Very Cool!!!**
2. **Story Kit-Create an electronic storybook. Make use of the little gaps in life - on the sofa after dinner, in the back seat of the car, or on a train - to do something creative together.Free**
3. **Toy Story-TO INFINITY AND BEYOND! Toy Story takes you on the adventure of a lifetime:
A fully interactive reading experience packed with Games, Movie Clips, Coloring Pages, Sing-along Tunes, and Surprises on every page. Hear the story read aloud, record your own narration, or explore at your own pace. Free**
4. **Grammy Jammers -Catchy animated songs and rhymes make English language arts exciting! Grammar Jammers animations will have you tapping your toes to the beat while learning grammar usage and mechanics. Each animation unlocks a quiz. Answer all the quiz questions for all the Grammar Jammers topics and unlock an interactive reward. Free**
5. **Literary Analysis Guide-Literary Analysis Guide is an essential tool for anyone studying literature or rhetoric in high school or college. Whether preparing for your Advanced Placement (AP) English Literature and Composition exam or writing a paper for a graduate-level literature course, Literary Analysis Guide will help you on your way. $1.99**
6. **Puppet Pals HD-Create your own unique shows with animation and audio in real time!
Simply pick out your actors and backdrops, drag them on to the stage, and tap record. Your movements and audio will be recorded in real time for playback later.
This app is as fun as your own creativity. Act out a story of Pirates on the high seas, fight as scary monsters, or play the part of a Wild West bandit on the loose. You can even combine any characters however you want! Free.**
7. **Free Books-Ah, to describe an app in two words... Free Books is just that- Free Books!
Browse our handpicked collections, download any of our 23,469 classic books, and read with our fully featured ereader. Notes, highlights, bookmarks, dictionary support -- it’s all here.**
8. **Shake-a-Phrase-Shake-a-Phrase is a fun language app that teaches vocabulary and parts of speech for ages 8+. Perfect for learning and laughing in the classroom or on-the-go, this lightweight app features over 2,000 words and definitions in 5 colorful and engaging themes. Free**
9. **Verbally-Verbally is an easy-to-use, comprehensive Augmentative and Alternative Communication (AAC) app for the iPad. Verbally brings speech to those without and enables real conversation with its simple, intuitive design. Just tap in what you want to say and Verbally speaks for you.Free**
10. **ABC Alphabet Phonics-Photo Touch is an exciting educational game that helps your child rapidly learn the ABC by sight, sound, and touch. The interface is so easy to use that even a 9 month old baby will delight in using this app. Ideal for ages 0 to 6. Free**
11. **Word Bingo-★Featured in What's Hot Educational Apps★Ranked a Top 10 Educational App
★Sight Word BINGO featuring the Dolch Word List .99 cents. Very Cool.**

**Math**

1. **Base Ten Number Blocks-This simple app allows you to use base ten blocks in the form of ones, tens, and hundreds to aid in solving addition and/or subtraction problems. .99 cents**
2. **Everyday Math Addition-McGraw-Hill’s Addition Top-It game offers a quick and easy way to practice and reinforce basic addition facts (0–10) and number comparisons. This one- or two-player game runs on the iPad, iPhone, and iPod Touch. 1.99**
3. **Rocket Math-While your rocket is floating weightlessly in space, the real fun begins! Play one of the 56 different math missions. Each mission has touchable objects floating in space, including stars, coins, clocks, 3D shapes and even pizzas! Earn a bronze, silver or gold medal and also try to beat your high score. Missions range in difficulty from even/odd numbers all the way to square roots, so kids and their parents will enjoy hours of fun while learning math. .99cents**
4. **Math Blaster HyperBlast- Cadet, hop on your HyperCycle and discover the intergalactic adventure that adds up to total fun! Outsmart the alien robots, blast through the razor sharp blockades and speed past the stars on this mega-math adventure. The universe is counting on you…do you have what it takes to complete the mission? 1.99 Very Cool!**
5. **Math Ninja-Use your math skills to defend your treehouse against a hungry tomato and his robotic army in this fun action packed game! Choose between ninja stars, smoke bombs, or ninja magic - and choose your upgrades wisely! 1.99**
6. **Itooch Math- .The application contains:- 60 chapters with lessons, examples, and figures- 5 thematic units: NUMBERS & OPERATIONS, FRACTIONS, MEASURING & ESTIMATING, GRAPHS & STATS and GEOMETRY. - More than 4,500 questions, with clues, detailed explanations and images, which makes it BY FAR THE MOST COMPREHENSIVE EDUCATIVE TOOL IN THE APP STORE for 5th graders. $5.99**
7. **Middle School Math-Middle School Math is perfect for the classroom, but it's also a powerful tool for parents seeking the inside track for their 11-14 year old child.
Here's what's included:
Ordering Numbers - Practice ordering fractions, decimal numbers and integers by poking cavemen as they scramble around your screen.
Data Magnet - Create surveys and then question your friends before generating graphs to display your data.
Pinpoint Plotter - Plot a series of coordinates on a Cartesian Plane to form one of eight animals.
Place Value - Read numbers and then drag digits to their correct position on a place value chart.
The Algebra Vault - Practice solving one and two-step equations by performing basic operations to isolate a variable.
Shape Board - Pull an elastic over pegs to create two-dimensional shapes. Then measure for area and perimeter.
The Multiple Conveyor - Sort multiples according to their factors in this engaging learning game.
Operations -Practice integer operations, roots, squares, powers, order of operation and proportion problems with our unique user interface optimized for the iPad. 2.99**
8. **Math Matrix-Math Matrix is a funny math game which in jewels world, every jewel have number and points. The top big jewel have a target number ,you should choose two adjacent jewels to make up a equation by adding, subtracting, multipliying,dividing and let the result equals to target number. You will get points when you finish every equation, you can buy properties in the bottom use your points.1.99**
9. **Math App Geometry 1-Basic geometry app. Very good 3.99Painless Pre-Algebra Challenge-Test your knowledge and then test your skill…It’s the ultimate Pre-Algebra and arcade game challenge! Free.**
10. **2x2=4-kids learn multiplication tables while playing a fun pirate ship game.Free**
11. **Virtual Manipulatives- Factions, decimals, and percents manipulative for the classroom. Free.**
12. **Fraction Factory-Enter the Fraction Factory and use your math skills to place fractions into their correct positions on a number line. When the game begins, fraction gears will move across the screen on a conveyor belt. Use your finger and drag the fraction gear to where you think they should go on the number line at the top of the screen. Free**
13. **Math Board-MathBoard is a stunning app for teaching addition, subtraction, multiplication and division problems. The number of customization options available make this a brilliant app for making math fun for elementary school children. MathBoard is a fantastic math learning tool for your iPad. -- MathBoard is appropriate for all ages from kindergarten (with simple addition and subtraction problems) to elementary school where learning multiplication and division can be a challenge. You can control the range of numbers you want to work with, the amount of questions you want to answer and even assign a time limit per quiz. MathBoard will make learning math fun. 4.99**
14. **Math Bubble-All in on Math Game + - x and ÷ you can choose a lot of option for kid to practice (see screen shot) 1.99**
15. **Equation-Equation is a very fast and easy tool to solve Quadratic Equations. You input your numbers and instantaneously get solution in Fractions, Decimals and with Graphic . 99 cents.**

**App Sites**

[**www.appannie.com-**](http://www.appannie.com-)Great site for locating apps that are updated almost daily.

<https://sites.google.com/site/schrockipad>

<http://www.livebinders.com/play/play_or_edit?id=207293> Great site that has tons of apps broken down into content areas.

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