

FREE IPAD Apps

Engineering

ENGINEERING

Library of engineering videos and articles

SimCity BuildIt

As mayor create your own unique city

Math

Mathateer

Math Missions dealing with numbers, telling time, US money, 3D shapes, arithmetic

My Math Flash Cards

Elementary math facts

Photo Math

Camera calculator, point to a math expression and instantly displays answer with detailed step-by-step explanation

ArithmeTick Math Flash Cards

5 levels of add, sub, mult, and div

Motion Math Zoom

Number line, how big/small numbers really are

Motion Math

Fractions and percents in a kinesthetic way

Cross Fingers

Tangrams puzzle game



Free Must-Have iPad Apps for Secondary Math

5 Dice: Order of Operations Game - The game encourages students to use higher order thinking to solve the "target" number by working backwards given the answer but not the equation.

Algebra Champ - Designed for grades 6 - 8, Algebra Champ provides practice solving straightforward, single variable linear equations in a game-like format.

Algebra Pro – Complete Workbook with ShowMe Lessons – This app includes over 100 practice questions with instant "ShowMe" lessons: if you get stuck on a problem, just tap "ShowMe" and see a step-by-step animation of how to solve the problem, instantly.

CandyFactory Educational Game for iPad - CandyFactory is an educational game that teaches the concept of fractions to middle school students based on splitting operations with partitioning and iterating.

DataAnalysis – This app can be used for the plotting and fitting of all types of data that can be formulated as x,y pairs

Fill the Cup - Four math games allow students to experience math concepts through manipulation.

Fraction Factory - Enter the Fraction Factory and use your math skills to place fractions into their correct positions on a number line.

Freddy Fraction - Help Freddy find his way back home safely using fractions, decimals, and percentages to lead him back to his spaceship!

Graphing Calculator by Desmos – Explore math with Desmos! Plot functions, create tables, add sliders, animate your graphs, and more -- all for free.

iSpy-X - iSpy-X is a fun way for kids to practice basic one-step math algebra skills while playing a game!

Khan Academy: Algebra 1 - Khan Academy Algebra allows students to learn Algebra through 36 different videos.

Khan Academy: Geometry – Learn geometry with a variety of video lessons.

Khan Academy: PreAlgebra - Khan Academy Algebra allows students to learn Algebra through different videos.

Lobster Diver HD – This app, designed for grades 3-8, is great for reading numbers, understanding fractions, reading a number line, and comparing and ordering fractions.

Mad Minute Math HD – This app provides different calculators, including standard, scientific, prime number, square root, properties of a circle, sine, cosine, and tangent.

Math Snacks HD - Math Snacks videos are available in HD for your iPad, complete with learner's guides, teacher's guides, and comic book transcripts for printing!

Math Vocabulary Cards - Each card features three sections: a math term, a representative example or model, and a concise definition. Each section can be hidden or revealed providing multiple options for practice. Vocabulary cards can be selected individually or by category and switched seamlessly between English and Spanish.

Middle School Algebra - Bounce the monkey up the steps as high as you can. Answer questions correctly to keep going. The free version includes quizzes on these topics: words to equations, evaluating expressions, and solving one- and two-step equations.

Middle School Math 6th Grade - Answer questions by popping balloons as fast as you can. Math topics included are: multiplication (0-10), division (0-10), addition (0-99), and subtraction (0-99).

Middle School Math 7th Grade - Guide the monkey down the ladders to the end of a level. Math topics included are negative numbers, absolute value, and order of operations. There are three levels of difficulty for each topic.

Middle School Math 8th Grade - Help the monkey jump across the logs to the end of the level. Math topics included are: rational and irrational numbers, radicals and exponents, scientific notation, and graphs.

Ooops - Ooops presents a series of problems that are solved by placing one or more sets of parentheses on the right side of the equation to make it equal to the number on the left. At any point, the player can check his work by pressing the check button to see how parentheses have changed the result. This will show them the steps of the problem as the operations are performed in order.

Pick-a-Path - Help Okta the octopus reach the target (maximum, minimum, or a specific value) by choosing a path from the top of the maze to the bottom. Seven levels with seven puzzles will test your skills with powers of ten, negative numbers, fractions, decimals, and more.

Shuttle Mission Math - Shuttle Mission Math is a mathematical puzzle game that makes algebraic thinking both visual and interactive. The goal is to find the weight of each space creature and assemble a team for the next shuttle mission. Intended for ages 10+.

Sketchpad Explorer - Drag, manipulate, and animate visual mathematics to develop and generalize your understanding of fundamental concepts across elementary math, geometry, algebra, trigonometry, calculus, and beyond.

U Protractor – Use the iPad camera to measure angles.



Free Must-Have iPad Apps For Grammar and Vocabulary

Action Words – 100 new action words are shown in this app with audio.

Bluster! - This word matching game develops vocabulary and word understanding for school-aged children, or anyone brave enough to battle the elements. Shine bright in single-player mode as you learn and practice important word skills or collaborate with a friend in team mode. Bluster includes over 800 vocabulary words.

Comparative Adjectives – This app contains more than 350 example pictures included and has students compare and describe the difference between two objects.

ESP: English Spelling & Punctuation - ESP includes an extensive guide to punctuation, so that you'll never mix up your commas, colons, and semicolons again!

Grammar Fun Free - Grammar Fun allows kids of all ages to learn correct grammar by matching grammatical constructs (noun, verb, adjective, and adverb) to the corresponding words in a sentence. This free version contains a limited number of sentences.

Grammar Jammers Primary Edition - 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. This app includes quiz questions on: adjectives, contractions, nouns, pronouns, punctuation, sentences, and verbs.

Imangi - Imani is mind-twisting, space-bending word mastery at its best. Simply slide rows and columns to create the highest-scoring arrangement of words possible.

My Grammar Lab - Choose the grammar you want to study, decide how many questions you want to answer, then create your own test.

SAT Vocabulary by Veritas Prep - Follow the daily checklist and games to read passages, answer questions, and write some sentences. You will quickly and permanently know the 500 most common SAT words that will get you the biggest SAT score gains.

SparkleFish - With SparkleFish, you can record creative words in your own voice for playback inside surprising, ad-lib stories. It comes with four stories for free.

Vocabulary Builder 1 - With the beautiful and attractive graphics, children can learn vocabulary simply by dragging the correct word to the corresponding pictures. Children can tap the word to hear the word spoken if they are not able to read or recognize the word. The app includes human body parts and animal body parts.

Vocabulary Builder 2 – This app contains words related to the family tree, common action verbs, and shapes.

Vocabulary Builder 3 – This app contains words related to the supermarket and animals and things in the garden.

Vocabulary Builder 4 – This app contains words related to Easter, Earth Day, Christmas, Halloween, and New Year's Eve.

Vocabulary Builder 5 – This app contains words related to transportation, the calendar, and at the beach.

Vocabulary Builder 6 – This app contains words related to Chinese festivals.

Vocabulary Builder 7 – This app contains words related to indoor and outdoor activities and ways to help out.

Vocabulary Central Grade 6 – This app from Pearson Education offers selection specific and academic support activities such as interactive flashcards, songs, and trivia games.

Vocabulary Central Grade 7 – This app from Pearson Education offers selection specific and academic support activities such as interactive flashcards, songs, and trivia games.

Vocabulary Central Grade 8 – This app from Pearson Education offers selection specific and academic support activities such as interactive flashcards, songs, and trivia games.

Vocabulary Central Grade 9 – This app from Pearson Education offers selection specific and academic support activities such as interactive flashcards, songs, and trivia games.

Vocabulary Central Grade 10 – This app from Pearson Education offers selection specific and academic support activities such as interactive flashcards, songs, and trivia games.

Vocabulary Central Grade 11 – This app from Pearson Education offers selection specific and academic support activities such as interactive flashcards, songs, and trivia games.

Vocabulary Central Grade 12 – This app from Pearson Education offers selection specific and academic support activities such as interactive flashcards, songs, and trivia games.

Word Games for Kids – Futaba - Futaba is a four-player game designed for kids. The game begins as images zoom into the playing area. The first player to match the word to the image scores a point. Futaba comes with over 100 wonderful hand-drawn illustrations and professional audio soundtracks.



Free Must-Have iPad Apps for Science

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.

3D Cell - Visit the cell structure screen and learn more about how each structure functions. In this application you can also watch videos from our live cell video library as well.

3D Cell Simulation and Stain Tool - Learn about the cell and all its structures using this 3D cell tool. Enjoy the ability to rotate the cell 360 degrees and zoom in on any cell structure. Choose from the list of cell structures to learn more about how each structure functions and relates to the other components of the cell.

Building Serial Circuits (Lite) - Using 3D graphics and 2D electronic symbols, you will assemble different types of series circuits using wires, switches, batteries, and light bulbs. The free version allows you to build one circuit.

Cell Defense: The Plasma Membrane - Defend your cell by building a functional plasma membrane and thwart the evil plans of Dr. Vial to destroy all life on earth. Learn how the membrane works and its parts, including phospholipids, cholesterol, proteins, and carbohydrates.

Earth Day Carol - In this green retelling of Charles Dickens' classic A Christmas Carol, Plastic Bottle Scrooge is visited by the ghosts Plastic Past, Plastic Present, and Plastic Future.

Elements 4D by DAQRI - Paired with either paper or wood blocks that are inscribed with the symbols of 36 elements from the periodic table, this app will instantly transform a simple, inanimate object into dynamic, dimensional, 4D representations of each element.

Exoplanet - The Exoplanet app is a daily updated database of all discovered extrasolar planets. It has been developed and is maintained by a professional astronomer.

Green Planet 4 Kids - Join the Eco family as they learn everyday ways that they can become environmentally friendly in their own home, while saving money at the same time.

HudsonAlpha iCell - iCell gives students, teachers, and anyone interested in biology a 3D view inside a cell. Included are examples of three types of cells: animal, plant, and bacteria. Learn about the various parts of the cell, which biologists, biochemists, and DNA researchers at the HudsonAlpha Institute study and use to advance the limits of biotechnology.

Interactive Science Glossary: Earth Science – This app is a great review and study tool for learning 80 earth science terms and concepts, presented through simulations, video, science content, and flash cards. Categories include: Water, Weather, and Ecosystems; Earth's Structure; Earth and Space; and The Changing Earth.

Interactive Science Glossary: Life Science – This app is a great review and study tool for learning nearly 100 life science terms and concepts, presented through simulations, video, science content, and flash cards. Categories include: Human Body, Ecosystems, Organisms and Change, Heredity, and Cells. The glossary presentation is geared toward middle and high school students and appeals to a wide range of learning styles.

Interactive Science Glossary: Physical Science – This app is a great review and study tool for learning nearly 100 physical science terms and concepts, presented through simulations, video, science content, and flash cards. Categories include: Energy and Systems, Force and Motion, Electricity and Magnetism, Matter and Energy, Light and Optics, and Sound and Waves.

Language Central for Science Earth Science Edition - Make studying vocabulary terms fun and engaging with Pearson's Language Central for Science app featuring the Word Fly game experience! First, boost your memory with Interactive Science Flash Cards that span Life, Earth and Physical science topics. Then test your skills and take the Trivia challenge. Best for grades 6-8.

Language Central for Science Life Science Edition - Make studying vocabulary terms fun and engaging with Pearson's Language Central for Science app featuring the Word Fly game experience! First, boost your memory with Interactive Science Flash Cards that span Life, Earth and Physical science topics. Then test your skills and take the Trivia challenge. Best for grades 6-8.

Language Central for Science Physical Science Edition - Make studying vocabulary terms fun and engaging with Pearson's Language Central for Science app featuring the Word Fly game experience! First, boost your memory with Interactive Science Flash Cards that span Life, Earth and Physical science topics. Then test your skills and take the Trivia challenge. Best for grades 6-8.

Leafsnap for iPad - 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.

Lizard Evolution Virtual Lab - The virtual lab includes four modules that investigate different concepts in evolutionary biology, including adaptation, convergent evolution, phylogenetic analysis, reproductive isolation, and speciation. Each module involves data collection, calculations, analysis and answering questions.

Mitosis - Mitosis walks you through the process of cell division, and explains everything that happens along the way. You'll usher cells through mitosis with your fingers, learning about what happens in each

phase of the process. You can also look at images of actual cells dividing under a microscope and see the actual structures you've studied.

Molecules - Molecules is an application for viewing three-dimensional renderings of molecules and manipulating them using your fingers. You can rotate the molecules by moving your finger across the display, zoom in or out by using two-finger pinch gestures, or pan the molecule by moving two fingers across the screen at once.

Nature Human Genome Special Edition - The Nature Human Genome iPad special edition contains landmark research as well as exclusive video commentary from Nature's genetics editor, who discusses the past, present and future of genomics

Oobie's Space Adventure - Oobie's Space Adventure is an original interactive story that teaches kids about space. Join Oobie as he discovers the planets, sun, stars and more.

Particle Zoo - Would you like to get to know the particles that make up our universe a little better? Then carry this convenient list of subatomic particles in your pocket.

Science360 for iPad - 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.

Science Learning Hub - Produced for primary and secondary school teachers and their students, the content has been developed by New Zealand's leading science educators, scientists and research organizations to provide real life, authentic examples of science in action.

Snurfle Meiosis - By the end of this game, you will understand how meiosis and fertilization work to make offspring. You will also see how genetic characteristics are passed on through these processes and the connection between meiosis and genetics.

Snurfle Meiosis and Genetics 2: Diversity and Dihybrid Crosses - By the end of this game, you will understand how the processes of crossing over, independent assortment, and random fertilization result in increased diversity of offspring.

The Virtual Bacterial ID Lab - Learn about the science and techniques used to identify different types of bacteria based on their DNA sequences. The app is geared toward high school students.

Virtual Cell Animations - The modules covered are aerobic respiration; cellular respiration; meiosis and mitosis; photosynthesis; protein expression; RNA expression; secretion; and signaling.

Xperica HD - The app places an interactive virtual laboratory in the hands of students worldwide. The app comes preloaded with a couple of experiments. Additional experiments can be purchased as add on packs.



Free Must-Have iPad Apps for Social Studies

GEOGRAPHY

Atlas for iPad Free - Atlas for iPad features valuable Information and maps on over 250 world entities.

iGIS for iPad - iGIS represents a new era in mobile GIS solutions by enabling users to load, view, investigate, create, and export their own data over background maps, satellite imagery, or your own imagery. Additional features available with IAP.

GOVERNMENT

MyCongress - MyCongress is a portal to detailed information about your elected U.S. Congressional officials. Track their news, video and Twitter feeds. Look up their official Open Congress profile or contact them directly. MyCongress helps you get in touch with your government.

The Presidency - The Presidency app is an excellent educational reference for easy access to historical information regarding the 44 United States presidents.

Show of Hands - Show of Hands is an easy-to-use real-time ANONYMOUS polling application for the iPhone, iPod Touch, and iPad. Poll topics include politics, ethics, pop-culture, sports, parenting, health, and humor. Additional features available with IAP.

TEXAS HISTORY

Historical Markers of Texas - Discover Texas' unique history from the comfort of your favorite chair with the Texas Historical Markers App. Enrich your historical knowledge by easily locating more than 14,000 historical landmarks throughout the Lone Star State.

Historic Austin Tours - Experience the rich history of Austin, Texas with this unique, self-guided walking tour of Congress Avenue, East Sixth Street, and the residential Old West Austin neighborhood. These areas feature some of Austin's most iconic buildings, including the Texas Capitol, the Texas Governor's Mansion, and the Driskill Hotel. Each tour includes a map, audio descriptions, and current and historic photos of the sites.

Texas 1836 - See the town of Washington-on-the-Brazos as it looked in 1836, when delegates from all parts of Texas came to write the Declaration of Independence and Constitution of the Republic of Texas. Through the magic of augmented reality, the app presents a virtual town of Washington, full scale and overlaid on the historic site for you to explore.

Texas Historical Landmarks Lite - The lite version of the Texas Historical Landmarks app contains over 50 user-selected historical markers from the premium version.

Texas Public Radio App for iPad - The Texas Public Radio App allows you to listen to Texas Public Radio live, pause and rewind the live audio, and view the program schedule all at once.

Texas Time Travel Tours by the Texas Historical Commission - Experience the real places and real stories of Texas through the Texas Historical Commission's mobile tours, featuring a rich blend of images, videos, first-person interviews, maps, and useful visitor information for exploring historical sites across Texas.

U. S. HISTORY

American History Interactive Timeline - The app is divided into 11 periods: the Colonial Era, the birth of America, early national era, civil war, reconstruction, the gilded age, world war 1 and 2, the cold war, the Space Age, computer age, and the recent war on terror. The first three periods are included in this free version.

Archiving Early America - Discover early America's historic sites as you tour the 13 original colonies.

Constitution for iPad - Reference copy of the US Constitution for your iPad. Includes text, notes, and images of original documents.

Declaration for iPad - Reference copy of the US Declaration of Independence for your iPad. Includes text, notes, and images of original documents.

Early Jamestown – This is an interactive textbook exploration of the early days of the Jamestown settlement and the state of Virginia. Embedded videos chronicle the beginnings of the Jamestown Settlement, the first permanent English colony in North America.

History Line - History Line is a collaborative learning game for the iPad focusing on US History. The game can be played by 1-6 players. As a single player game, a series of historical events are presented on the screen and the goal of the game is to place the events onto a timeline at the bottom of the screen in the correct sequence.

Lincoln Telegrams - The Lincoln Telegrams project includes over three hundred digitized telegram memos written by President Abraham Lincoln between March 10, 1864 and April 12, 1865.

Mission US: Think Fast! About the Past - Test your knowledge of history as you race against the clock! This is a fast-paced trivia game that introduces hundreds of fascinating facts about different eras of American history.

Today's Document - Explore American history with 365 of the most fascinating documents and photos from the collections of the US National Archives. Today's Document is an interactive gallery that displays a significant historical document or photo for each day of the year. You can learn what happened on your birthday, search for a document by keyword, or just browse at your leisure.

US History Timeline(Free) – This is an application which shows the list of important events from US history. Each event includes a hot-link to the appropriate entry of Wikipedia.

U.S. Westward Expansion - Explore the westward expansion of United States history in the 1800s as you journey on the Lewis and Clark expedition, match territories acquired by the U.S., and learn about the causes and effects of the westward expansion

WORLD HISTORY

AP World History - An excellent study aid for the AP World History exam, this app covers 8000 B.C.E. to the present.

European Exploration: The Age of Discovery - Explore the new world as a European power in the 15th Century by funding and sending expeditions out into the unknown. Hire captains, build ships and outfit voyages to learn of the wonders of the new world. Expeditions can be dangerous however, so be careful or else Europe may never hear of your discoveries!

History Today – This full-featured app includes historic and literary events, a picture of the day, birthdays, deaths, and a quote of the day.

Pass the Past - Pass the Past is an educational game to help students prepare for Virginia's Standards of Learning exams with a focus on World, United States, and Virginia history, civics, and geography.

Prentice Hall Brief Review of Global History & Geography - Prepare for school exams, New York's Regents Exam, and other end-of-course tests with interactive flashcards, quick-study reviews, and tests and quizzes with instant feedback. The app provides only 80 test questions free; everything else is available with in-app purchases.

World Book – This Day in History for 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.



Free Must-Have iPad Apps for Health and PE

BMI Caculator - You can easily calculate your BMI (Body Mass Index).

Calorie Counter by FatSecret for iPad - Calorie Counter is the essential app to simply find nutritional info for the food you eat and easily keep track of your meals, exercise and weight.

Carb Counting with Lenny US - Let Lenny help you learn carb counting in a fun and easy way!

GoMealsHD - GoMeals is three applications in one: a database full of nutritional information on your favorite foods and restaurant menu items, a food tracking tool to record your meals, and a restaurant locator.

Human Kinetics Now - Human Kinetics will help you to stay current and up to date with any and all trends and news in the world of sport, fitness, physical education, and exercise science.

The PE Geek - The PE Geek app is the one stop shop for teachers interested in utilizing emerging technologies within Physical Education.

Relax Melodies HD - Just custom mix your favorite sounds from a selection of 41, then slip naturally into a relaxed state or a deep, rejuvenating sleep. Additional features available with IAP.

Scoreboard HD - Scoreboard HD is a simple two-player flip scoreboard with two-digit score and one-digit set per player.

Sports Tap - Sports Tap is the ultimate sports portal, providing detailed News, Stats, Schedules, and in-depth Box Scores.

TimeMotion - TimeMotion takes the hassle out of conducting time-motion studies.

VCE PE - VCE PE allows students studying senior Physical Education in Victoria to keep up to date with the latest podcasts, videos, websites, and content surrounding the study and the world of sports.

WebMD for iPad - Check your symptoms, access drug and treatment information, get first aid essentials, and check local health listings from the most trusted brand in health information.



Free Must-Have iPad Apps for Special Education

ABA Flash Cards & Games – Emotions – This app covers over 20 different emotions via gorgeous flash cards and interactive games.

ABA – Problem Solving – What Does Not Belong? - This game comes pre-loaded with hundreds of unique images to provide hours of learning and entertainment.

Autism Apps - Autism Apps is simply a comprehensive list of apps that are being used with and by people diagnosed with autism, Down syndrome, and other special needs.

Autism Emotion - Autism Emotion uses music and a photo slideshow to help teach about different emotions: happy, sad, proud, and calm.

AutismXpress – This app is designed to encourage people with autism to recognize and express their emotions through its fun and easy-to-use interface.

ChoiceBoard-Creator - It is the perfect app for creating customizable choice boards for the unique needs of individuals with communication challenges. It reinforces correct choice by expanding the selected image as well as playing the customized auditory rewards.

ChoreMonster - Kids earn points by completing their chores or tasks. Earn rewards like ice cream, an hour of Xbox, or a camping trip. Win monsters at the Monster Carnival (over 100 available, more being added monthly!).

Flashcards for Kids – First Food Words - Includes gorgeous photographs that are carefully hand-picked and selected. Additional words are available through in-app purchase.

iTouchiLearn Words for Preschool Kids Free: Spelling, Reading, Letters - Engaging and interactive animations and activities that teach kids about the context of words while making them laugh. Each word game reinforces learning with virtual rewards. Interactive word animations associate words and corresponding action.

Learn to Speak – I Like Fall (Book for Speech Therapy) - Add your own voice to this interactive picture book.

Let's Build a Bedroom – Build a bedroom with toys, music, and more.

Let's Name Things Fun Deck - This colorful vocabulary app has 52 illustrated picture cards plus audio of each card's text.

Model Me Going Places 2 – This app is a great visual teaching tool for helping students learn to navigate challenging locations in the community. Each location contains a photo slide show of children modeling appropriate behavior.

My First Voice Lite – This app has been created using the principles of Applied Behavior Analysis (ABA) to allow children with autism or any other language deficit to easily and effectively communicate their basics needs and wants in five main categories: food, drink, clothing, toys, and emotions using actual photographs and real voices. The Photo and Voice library contains over 100 actual photographs of food, drink, clothing, and toys, nine emotions, and four common requests icons.

My Little Suitcase - My Little Suitcase is a children's travel application where children pack for their family vacation and choose where to go!

My Little Suitcase – The Memory Board Game - The game involves finding all the cards that go into your suitcase. The best way to do that is to remember where other items from your suitcase are if the other player has previously turned them over.

Snow Wonder - Welcome to Snow Wonder, a winter playground where you can build your own snowman and play in the snow. Pack your choices by dragging them into the suitcase. When you are finished, tap the arrow to go to the snow. Now you can arrange your snowman, making it tall or short, or upside down.

Social Stories Creator and Library for Preschool, Autism and Special Needs – This is an amazing app for easily creating, sharing, and printing educational social stories, visual schedules, and beautiful memories. 20 completed social stories are available for IAP.

Speech Therapy – I Love Mom Picture Book – Add your own voice to this interactive picture book.

A Sunny Day - A Sunny Day is an app for kids with autism to understand simple behaviors in daily life.

Touch and Learn – Emotions - You can use Touch and Learn to teach basic concepts such as "boy vs. girl" or advanced concepts such as feelings (e.g. happy, sad, frustrated, etc.). This game comes pre-loaded with over 100 unique images to provide hours of learning and entertainment.

Verbally - Verbally is an easy-to-use, comprehensive Augmentative and Alternative Communication (AAC) app for the iPad. In-app upgrade with more features available.

Visual Cue Lite – This app offers five useful tools for students to learn to communicate through pictures. Additional features available with IAP.

Visual Timer – Time Tracker Pro - Make every moment count with this visual Timer App. Touch the app and move your fingers in clockwise direction to set time.



Free Must-Have iPad Apps for Content Creation

30 Hands Starter: Create & Show What You Know - Drag photos, images, or video clips around the desktop into the order of the story. Next, record audio over each image. Finally, the presentation can be published to the Camera Roll or uploaded to a 30hands Cloud collaborative learning site.

Adobe Voice – Show Your Story - Pick from over 25,000 beautiful iconic images to show your ideas and Voice automatically adds cinematic motion and a soundtrack.

Animoto Video Maker - Turn your photos into stunning, professional-quality videos, complete with music and text, with Animoto's free app! Short videos are allowed with this free version; for longer videos, you must purchase an upgrade.

Audio Memos Free – The Voice Recorder – The app is easy to use with a simple and intuitive interface. It also includes many advanced features as volume boost, volume normalizing, editing of recordings, and more. Free version includes ads.

Doodle Buddy for iPad - Finger paint with thousands of colors and drop in playful stamps. The app also has lots of cool drawing tools: paintbrush, glitter, chalk, text, stencils, smudge, and more. You can also draw on photos and drawings of your own. Includes ads.

Haiku Deck – This presentation and slideshow app can include charts and graphs.

Let's Create! Pottery HD Lite - Making ceramics has never been more simple and fun! Become a true artist and create "one of a kind" pottery items and share them with your friends. The lite version contains fewer add-ons and decorations.

LiveBinders - LiveBinders lets you integrate the content you use and collect in the cloud. Create virtual binders of information on any topic. Add your own text to further personalize your resources.

PicCal Lite – Picture Diary Calendar – Have your students record one thing they learn each day by adding a photo to this simple app.

Popplet Lite - With Popplet, you can capture your ideas and sort them visually in real time. This app is great for mind mapping and brainstorming, along with creating galleries and class notes. The lite version limits you to just one popplet at a time saved.

PuppetPals 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. The free version includes one background/theme. There is also a newer version of the app called Puppet Pals 2.

Quipio – Create amazing messages in a poster format by adding your own photos or drawings and text. Very simple to use.

Shadow Puppet EDU - Easily create videos in the classroom. Students as young as five can make videos to tell stories, explain ideas, or document their learning.

Sock Puppets - Sock Puppets lets you create your own lip-synched videos and share them on Facebook and YouTube. Limited backgrounds included; additional may be purchased.

StoryBuddy 2 Lite - StoryBuddy is a magical way to create, read, and share stories with the power of multi-touch on the iPad. Draw directly on the iPad's screen with your finger and create a picture book page by page. Add customizable text with the built-in keyboard. Import images from your photo album for that personal touch. Even publish your story and flip through its pages like a real book. The lite version will save only one story at a time.

StoryKit - Create an electronic storybook. The application includes four public domain children's books that you can rewrite and rearrange into your own new story. These are scans of the original bound books that have been specially processed for use on the iPhone. Take "The Three Bears" and make them four. Rewrite "The Three Little Pigs" with the wolf as the victim. Or, start with a blank book and write whatever story is on your minds.

TeleStory – This fun app lets you create your own TV show with a theme, script, digital costumes, animation, voice recording, and more.

Toontastic - Toontastic is a creative learning tool that empowers kids to draw, animate, and share their own cartoons through imaginative play. Making cartoons with Toontastic is as easy as putting on a puppet show - simply press the record button, move your characters onscreen, and tell your stories through play! Once you're done, Toontastic will play back your animation and voice as a cartoon for you to share with friends and family around the world. The free version contains one background/theme. There is also a **Toontastic Jr. Pirates** app that is also free.

Trading Cards – Using the on-screen questions as prompts, students can create trading cards of real or fictional people, places, objects, historical events, vocabulary words, and more.

VoiceThread - Create and share dynamic conversations around documents, snapshots, diagrams and videos -- basically anything there is to talk about. You can talk, type, and draw right on the screen. The app is free with additional in-app purchases available. Five VoiceThreads may be made with this app.

Whiteboard Lite: Collaborative Drawing - Collaborate with friends and family with Whiteboard, the easy-to-use collaborative drawing app. Two users can create pictures together over local Wi-Fi or Bluetooth peer-to-peer. Includes ads.

Wordsalad – Lite Edition – Create beautiful word clouds out of documents or sentences.



Free Must-Have iPad Apps for Spanish

ABC Spanish Reading Magic - ABC Spanish Reading Magic stays committed to time-tested phonics principles. Besides the reading feature, there are two skill-building programs added that almost all other programs overlook: blending and segmenting.

ABC Spanish Spelling Magic – This app provides practice in spelling words in Spanish.

Ana Lomba's Spanish for Kids: The Red Hen – This is a bilingual Spanish/English story with audio.

BrainPOP: Pelicula del Dia – This is the amazing BrainPOP app in Spanish.

Duolingo - Learn Spanish, French, German, Portuguese, Italian, Irish, Dutch, Danish, Swedish, and English with practice activities, points, a leaderboard, and more.

Free Spanish Essentials by AccelaStudy - Learn new Spanish words quickly, easily, and permanently with AccelaStudy.

Los Pollitos - "Los Pollitos," based on the popular song "Los Pollitos Dicen," is the first bilingual app of its kind making Latin culture accessible to preschoolers in English as well as Spanish.

My First Spanish Phrases 100 – This app contains 18 categories and 110 or more phrases.

Pocket Spanish Phrases – This contains the most common Spanish phrases.

Princesses Learn Spanish - Princesses Learn Spanish is a free app that features a story-based approach, with games and songs, to expose children to Spanish. Snow White, Cinderella, and Sleeping Beauty are the first books in the collection. The application is free, and the first book is free. The other books are available for purchase within the app.

Read in Spanish: Maldito Gato – This short story includes text and audio in Spanish as well as an English translation.

Spanish at a Glance Phrasebook - Get access to more than 1,200 useful phrases and then hear them spoken. Also includes pronunciation for hundreds of Spanish verbs.

Spanish Baby Flash Cards! – This app contains more than 450 words in categories such as: Food items, Animals, Alphabet, Transportation, Numbers, Colors and Shapes, Clothing, Household items, Body Parts, Outdoor items, and Musical Instruments/Arts and Learning. This version contains ads.

Spanish Baby Flash Cards 2! – This second app contains another 450 words in categories like: Categories include: Human Body Internal Anatomy, Tools, Doctor Kit, Places, Games/Sports, Professions, Plants, Galaxy/Space, Christmas, Halloween, Baby/Adult animals, Animal housing, Animal Body Parts, and Actions. This version contains ads.

Spanish Class Lite - In this lite version, only the first semester is available. This includes tenses, 300 vocabulary words, basic grammar, and more than 50 useful phrases.

Spanish Dictionary + - This app contains over 128,000 English and 79,000 Spanish words in an offline dictionary, with English and Spanish pronunciations. Includes ads.

Spanish Test Lite – Improve your Spanish grammar and vocabulary knowledge. This lite version limits you to 10 questions per session and requires an Internet connection.

Spanish Translator and Dictionary – This app features the highest quality Spanish-English dictionaries, an interactive Spanish Word Game, a handy Spanish Phrasebook for translation with audio pronunciation, and a Spanish Word of the Day.

Spanish Verbs Lite - This application provides you a list of basic Spanish verbs with conjugations. This app includes 150 verbs for free.

Speak Spanish for Survival and Travel - This app includes 200 audio flashcards composed of the most important words in Spanish, carefully ordered from most foundational to most complex; useful key phrases; a customized flashcard repetition algorithm that cuts your memorization time dramatically; and ongoing feedback, statistics, and visualization tools to help you track your progress.

Verbole Spanish Verbs Lite – This app includes the 50 most frequently-used Spanish verbs with their conjugation. Hear the pronunciation of any conjugated form just by tapping on it.



Free Must-Have iPad Apps for Teachers

Air Sketch Free - Turn your iPad into a wireless whiteboard and project live sketches to a local computer.

Anti-Stress Quotes - This helpful app gives you many wise quotes on the topic of stress from the most influential men and women. Includes ads.

Canaryflow Teacher (Classroom Workflow) - CanaryFlow simplifies lesson creation, streamlines assignment workflow, reduces grading time, and keeps students highly organized.

ClassDojo - ClassDojo offers a beautiful classroom management platform for teachers to easily encourage any behavior or skill in the classroom and keep parents in the loop. Requires free registration.

Dropbox - Install Dropbox on your computer and your iPad and easily transfer and share files between the two. Requires free registration.

Dragon Dictation - Dragon Dictation is an easy-to-use voice recognition application powered by Dragon NaturallySpeaking that allows you to easily speak and instantly see your text or email messages. In fact, it's up to five times faster than typing on the keyboard.

Educreations Interactive Whiteboard - Educreations turns your iPad into a recordable whiteboard. Creating a great video tutorial is as simple as touching, tapping, and talking. With voice recording, realistic digital ink, photo imports, and simple sharing through email, Facebook, or Twitter, now you can broadcast your ideas from anywhere.

eduTecher (sic) - Backpack - This app puts the best web tools and reviews of educational websites in the palm of your hand, saving you time with lesson planning and making learning more enjoyable for your students.

Evernote - Evernote lets you take notes, capture photos, create to-do lists, record voice reminders--and makes these notes completely searchable, whether you are at home, at work, or on the go. Install on your computer as well. Requires free registration.

Google Drive - Access all of your Google documents easily from one app.

iTunes U - This app offers an easy way to design and distribute complete courses featuring audio, video, books, and other content. Students and lifelong learners can experience your courses for free through their iPad, iPhone, and iPod touch.

Kindle - The Kindle app is optimized for the iPad, iPhone, and iPod touch, giving users the ability to read Kindle books, newspapers, magazines, textbooks, and PDFs on a beautiful, easy-to-use interface. You'll have access to over 1,000,000 books in the Kindle Store plus hundreds of newspapers and magazines. Amazon Whispersync automatically syncs your last page read, bookmarks, notes, and highlights across devices (including Kindle), so you can pick up your book where you left off on another device. Requires free registration.

LiveBinders - LiveBinders lets you integrate the content you use and collect in the cloud. Create virtual binders of information on any topic. Add your own text to further personalize your resources.

Plickers - Plickers lets you poll your class for free, without the need for student devices. Just give each student a card (a "paper clicker"), and use your device to scan them to do instant checks-for-understanding, exit tickets, and impromptu polls. Requires free registration.

QRset - QRset is a simple, intuitive, and fun way to scan your QR codes. Scan them sideways, upside down, or inside out, it doesn't matter with QRset.

Remind - Remind (formerly Remind101) offers teachers a free, safe, and simple way to instantly text students and parents. Teachers, coaches, or administrators can send reminders, assignments, homework, assessments, or motivational messages directly to students' and parents' phones. Messaging is safe because phone numbers are kept private. Requires free registration.

Skitch - Use shapes, arrows, sketches and text annotation to get your point across fast. Mark up photos, screenshots, maps, and webpages then share them with anyone you like. Additional features available with IAP.

TED - TED's official app presents talks from some of the world's most fascinating people: education radicals, tech geniuses, medical mavericks, business gurus, and music legends. Find more than 900 TEDTalk videos (with more added each week) on the official TED app.

Wikipanion for iPad - Accessing Wikipedia has never been faster and easier than with Wikipanion, designed for easy, search, navigation and display of Wikipedia entries. Streamline your browsing with history grouped by visit date, and bookmarking that not only bookmarks individual entries, but individual sections within an entry.

WunderMap - The world's most interactive and user-friendly weather map from Weather Underground has gone full screen as well as touch screen!

Zite - Zite is a free, personalized magazine for your iPad that automatically learns what you like and gets smarter every time you use it. Zite delivers all the great news, articles, blogs, and videos you want, and helps you discover new stuff that you'll love.