iPad Apps

Scoil Mhuire

Moynalty

This is a suggested list of educational apps for use with primary school children.

Suggested Websites:

www.tmadeeasy.com

www.itunes.apple.com

www.moynaltyns.ie

Notes

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Literacy Apps

App	Description	Class/age range
ABC Pocket Phonics	PocketPhonics teaches the basics of reading and writing to young children	Jun & Sen Infants /Children up to 7 years of age
Hairy Letters	Learn the names and sounds of each letter with the Hairies. Interact with animations and trace the letter shape onscreen with your finger. • Play games to reinforce learning and build letters into simple words. • Letter sounds come to life with animated characters. • Learn to form each letter shape with your finger. • Play games to blend letter sounds into first words. • Includes upper case letter names	Junior infants – 1st class
Starfall ABC	Children delight as they see, hear, and interact with letters and sounds in words, sentences, and games. They learn to recognize letters and develop skills that will ensure they become confident leaders. All children, and especially English language learners, benefit.	Jun & Sen Infants /Children up to 7 years of age
Wheels on the bus	Created by parents, Wheels on the Bus is a fun, interactive musical book, based on the popular children's song. Come aboard the bus to spin the wheels, open and close the doors, swish the wipers, pop some bubbles, make a dog bark, and much more! Delight your children while encouraging cognitive, language, and motor development: - Sing and read with your children. - Listen to the song in English, Spanish, French, German, and Italian. - Record your children's singing! - Hear the music played on a violin, cello, piano, and even a kazoo. - Touch, explore, and discover fun surprises in the captivating, interactive illustrations.	Jun & Sen Infants /Children up to 7 years of age
iwrite words	iWriteWords teaches your child handwriting while playing a fun and entertaining game. How to play: Help Mr. Crab collect the numbered balls by dragging him with your finger - and drawing the letter at the same time. Once all the letters in the word are drawn properly, a cute drawing appears. Slide the letters into the spinning hole and advance to the next level.	Jun & Sen Infants /Children up to 7 years of age

Rory Story Cubes	9 cubes, 54 images, Over 10 million combinations, Unlimited stories! Simply shake your iPhone to roll the cubes. Now create a story using all 9 face-up images.it it helps the children to develop their verbal storytelling and also to improve creativity.	Junior Infants up to 6th class
Word Magic	Word Magic is ideal for children between the ages 3 to 8. It is an excellent application for kids to have fun with words and their spellings.	Senior Infants – 2nd class
Kids Opedia	KIDS Opedia is a complete encyclopaedia for young children developed in an engaging, colourful, and fun learning format. It uses a mix of attractive pictures, sounds, animations, and text to entertain kids and help them learn.	Ju1st class – 2nd class
Chicktionary	CHICKTIONARY is one of the most popular word games on the Internet! Unscramble a roost full of LETTERS and create as many WORDS as possible. Each chicken bears a letter. Touch them to and spell out a word, then watch as the word appears below them. Press Enter to submit the word into the egg crates. The more words you create, the more points you earn! FEELIN' SCRAMBLED? Shake your iPad to shuffle the letters and get a farm-fresh look at your word options. You can also select and drag hens to reorder your letters. GRAB 'ER UP: Grab the game that may seem simple at first, but will keep you pecking away till the cows come home!	1st class – 6th class
Flip It Lite!	Flip It! makes creating flip book style animations on your iPhone or iPod touch easy. Have fun bringing your drawings to life, or choose an image from your photo library and animate over the top of it	Junior Infants – 6th class
Vocabulous	Improve your English vocabulary quickly & easily! This cool app gives you thousands of English words and accurate, concise definitions! Perfect app to learn and review your vocabulary on the go!	3rd / 4th class
Young Writer		5th / 6th class
Grammar Basics Lite	This is LITE version of "Grammar Basics and Advanced". Contents are in the form of drag&fill blanks, crossword, multiple choice questions and subjective question.	5th / 6th class

Maths Apps

App	Description	Class/age range
Counting Ants	Counting Ants Lite is a great app for early learning - perhaps the best way to help your child practice counting to ten on the iPad. This app features adorable ants that zip around in their cars, while teaching kids the basics of counting. The app automatically rotates through five minigames to keep your toddler engaged while they learn to count. Minigames include: • Count the ducks • Count the fish • Count the fruit • Count the train cars • Find the number	Jun & Sen Infants /Children up to 7 years of age
Math Board	MathBoard is a highly configurable math app appropriate for all school aged children. Beginning with simple addition and subtraction problems, through primary school where learning multiplication and division can be a real challenge. MathBoard will allow you to configure the app to best match the abilities of your individual child/student. More than just standard drills, MathBoard encourages students to actually solve problems, and not just guess at answers. This is done by providing multiple answer styles, as well as a scratchboard area where problems can be worked out by hand. Students can also turn to MathBoard's Problem Solver for further help. This powerful teaching feature walks students through the steps required to solve addition, subtraction, multiplication, and division equations. Additionally, the included quick reference tables serve as a valuable learning tool.	Jun & Sen Infants /Children up to 12 years of age
Splash Maths Grade one	Splash Math is a fun and innovative way to practice math. With 13 chapters covering over 185 math skills and an endless supply of problems, it is by far the most comprehensive math workbook in the app store. StudyPad has the best math apps on the app store. Each app is comprehensive with virtually infinite number of questions covering wide range of topics. All the content is aligned to common core standards. This app covers following topics: 1. Place Value - Ones; Tens; Numbers to 100 2. Number Sense - Counting; Compare numbers; Order numbers 3. Addition Concepts - Sentences; Add with models; Model part-part whole; Add 0; Add in any order; Make a number 4. Subtraction Concepts - Sentences; Subtract with models; Subtract 0; all; Take apart numbers; Subtract to compare 5. Addition Strategy - Count on; Double facts; Make a ten; Add three numbers; Add numbers to 10; Word problems 6. Subtraction Strategy - Sentences; Relate addition; Fact	Jun & Sen Infants /Children up to 7 years of age

	families; Numbers to 10; Word problems 7. Addition and Subtraction - Equivalent sentences; Fact families; Mixed operations 8. Two Digit Operations - Add tens; Add ones; Two digit subtraction 9. Data and Graphs - Pictographs; Tally charts; Bar graphs 10. Time - Read analog and digital clocks 11. Money - Identify coins; Count coins 12. Addition Refresher - Add 0; Add 1; Add 2; Add 3; Add 4; Add 5; Add 6; Add 7; Add 8; Add 9 13. Subtraction Refresher - Subtract 0; Subtract 1; Subtract 2; Subtract 3; Subtract 4; Subtract 5; Subtract 6; Subtract 7; Subtract 8; Subtract 9	
Eggs on Legs	Addition, subtraction, multiplication and division skills are all put to the test as you try to crack eggs hiding a digit. Four great Primary Games combined into one cracking iPad App! Three levels of difficulty allow practice of the following skills: * Addition Level A: Single digit + Single digit Level B: Two digits + Single digit Level C: Two digits + Two digits *Subtraction Level A: Single digit - Single digit Level B: Two digits - Single digit Level C: Two digits - Two digits *Multiplication Level A: Facts up to x5 Level B: Facts up to x10 Level C: Facts up to x12 *Division Level A: Facts up to ÷5 Level B: Facts up to ÷10 Level C: Facts up to ÷12	Jun & Sen Infants /Children up to 12 years of age
Splash maths grade 3	1. Place Value - Ones; Tens; Hundreds; Ten thousands 2. Number Sense - Compare; Order and round numbers 3. Addition - Properties; Two, three and four digit addition 4. Subtraction - Two; Three and Four digit subtraction 5. Multiplication Facts - Properties of multiplication; Multiply by 0,1,2,3,4,5,6,7,8,9,10 6. Division Facts- Properties of division; Divide by 2,3,4,5,6,7,8,9,10 7. Time - Read and set time; Elapsed time; Read calendar; Relate time units; Time patterns 8. Customary Measurements - Measuring length; Units of length, Capacity, Weight 9. Metric Measurements - Measuring length; Units of length, Capacity, Weight 10. Geometry - Polygons; Triangles; Quadrilaterals; Perimeter; Area; Solid figures; Volume of solids 11. Data and Probability - Tally charts; Line plots; Bar graphs; Identify probability; Predict outcomes	Junior Infants up to 6th class

	12. Fractions - Parts of a whole; Add fractions; Subtract fractions; Equivalent fractions; Compare fractions 13. Decimals - Tenths; Hundredths 14. Multiplication - Multiply multiples of 10; Estimate products; Multiply 2,3,4 digit numbers 15. Division - Divide multiples of 10; Estimate quotients; 2/3 digit quotients 16. Money - Add money; Subtract money; Multiply money; Divide money	
Time to Learn	Time to Learn is designed to help children learn to tell time with a standard analog clockThe application allows learning to progress through 8 modes or levels of difficulty. Start with free movement of the hour and minute hands and progress to challenging the child to find times at the hour, quarter hour, five minute and one minute intervals.	1st class – 6th class
Chance Lab	An electronic laboratory for exploring probability. Flip a coin, spin a spinner, roll a die from one to thousands of times, and examine results in a table, bar chart, pie chart, or innovative line graph. Challenge your intuition about random events: you may be surprised!	3rd / 4th class
Long Division Drills	This Application enables you to solve Division problems step by step, just as you would do it on a sheet of paper. Being able to carry out the Division step by step is the key feature of this application. This process is also called long division.	3rd – 6th class
Tangrams	This modern version of the classic Chinese puzzle game will challenge your mind as you attempt to arrange the seven shapes called "tans" into a variety of forms. The puzzles themselves often represent animals and people, as well as many other interesting shapes	3rd – 6th class
Numerosity	Numerosity is a Math Game aimed at 7 to 10 year olds, that combines highly effective learning strategies with game mechanics. By rewarding success and progress through 'leveling up!', Numerosity encourages kids to discover the rules and principles of Math by themselves. Skruff, the streetwise dog, is always at hand as a cheeky companion. The player is engaged in a race against the clock to help Skruff learn math by rearranging as well as dragging and dropping numbers into their correct positions. This places students directly in the driving seat and allows them to figure things out on their own, rather than spoon-feeding them information.	2nd – 6th class
Maths Bingo	The object of Math BINGO is to get a pattern of five BINGO Bugs in a row by correctly answering math problems. Math BINGO at a glance: *Choose from 4 games: Addition, Subtraction, Multiplication and Division *Choose from 3 different levels of difficulty: Easy, Medium and Hard	1st - 6th class

Gaeilge Apps

App	Description	Class/age range
Cúla Caint	Cúla4 is the young people's service on TG4 (the national Irish Language broadcaster). This App brings you over 100 fun Irish language words and images for pre-school kids or learners. The words include Weather, Animals, Vehicles, and Parts of the Body. It includes the written and the spoken version of each word. It also includes a drawing page, to scribble your own words! Enjoy!	All classes
Byki Irish	Byki Irish is a powerful and personalized language-learning system, designed to advance your new language proficiency by expanding your vocabulary reservoir. The engaging flash card interface helps lock foreign language words and phrases into your memory so that you can recall them with better accuracy. Byki Irish will make your language learning easy using its fun, addicting, and lightning-fast 3-step process.	3rd – 6th class
Greann Gaeilge	Greann Gaeilge teaches you how to conjugate Irish verbs and prepositional pronouns (do, duit, dom, etc.)), and it's expandable! There are currently two upgrades available, and more will be added later. As basic new features get added to Greann Gaeilge in the future for free, upgrade packs (in-app purchases) will be available that will add even more functionality. But the basic functionality is still FREE. Greann Gaeilge also has a FREE open source Irish-English dictionary from Irishionary.com! But, wait, there's more! It has a built-in web browser that will take you to the Greann Forums, where you can practice your Irish, and get your Irish language questions answered! There are forums for beginners, intermediate, and advanced students.	5th / 6th class
Enjoy Irish	The 'Enjoy Irish' app is designed for the adult learner and is based on the book & CD of the same name. It is ideal for the person who wants to see and hear Irish spoken for the first time and for those who would like to refresh the Irish learned at school. The cartoon characters Seán and Gráinne get to know each other using simple and amusing role-plays. Learn your first Irish phrases in minutes! Refresh the Irish you learned at school Ideal for practising your spoken Irish Accompanying Book + CD available from: www.siopagaeilge.ie	All classes

uTalk HD Irish	Developed by a company with 20 years of experience in language learning and over ten million customers, uTalk HD gives you the key words you need and a fast, scientific way of remembering them. Unlike a phrasebook or translator, this beginners app hardwires basic spoken Irish into your brain so that it feels like your first language. WHAT you learn Learning fewer words which trip off the tongue like your own language is far better than learning heaps that aren't there when you want them, so uTalk HD focusses on the basics – 275 of the words and phrases you're most likely to need including how to order a drink, find a chemist and ask for an aspirin! Plus food, phrases, colours, numbers, shopping and more.	

Geography Apps

App	Description	Class/age range
Natural Geographic World Atlas	Designed specifically for the iPad, National Geographic's new and improved World Atlas HD puts our best maps in the palm of your hand. Unlike other map applications, the National Geographic World Atlas HD utilizes our highest resolution, press-ready images, providing you the same rich detail, accuracy, and artistic beauty found in our award-winning wall maps and bound atlases. The app is preloaded with 3 different styles of world maps, down to country-level detail. With an internet connection, you can continue zooming through continent-level maps into detailed Microsoft Bing maps - close enough to see your home! Browse the world as you once did in your classroom with the new interactive 3D globe. Spin, pan, rotate and switch between three different map styles including our classic (blue-ocean), executive (antique-inspired) and satellite image. Learn more about the world around you using the up-to-date, expertly researched Flags and Facts database which contains concise geographic and socio-economic data plus recent updates to places like Southern Sudan.	All classes
World Geography Quiz Europe	This app is dedicated to learning about the Geography of 50 different countries and sovereign states in Europe. Learn: Country Names Maps Capitals Flags Official Languages	All classes
Living Earth HD	Enjoy a stunning live 3D simulation of our planet with global weather, forecasts and world clock for cities around the world. View live global cloud patterns, hurricanes and tropical storms. Explore and experience amazing weather dynamics on our planet with real-time 3D weather maps and typhoon and hurricane tracking. Living Earth is the best and most beautiful World Clock, Weather and Alarm available for your iPhone and iPad!	All classes

iEcology	iEcology is a small and simple application that has the 'intention to shake our environmental awareness through the discovery of small details that are not pleasing to our planet. The only thing that we have to do is to identify elements in photos taken in various environments and situations that we often face. We get the explanation and the reason for that detail by the statistics and data that will make us understand the problem better. If we need help we just shake our iPhone to get a little hint! Now it's up to you! Enjoy!	All classes
Geo Walk HD	Geo Walk is an interactive globe model with handpicked articles on various topics (Animals and Plants, History, People and Inventions), which are placed on the Earth with respect to their location with pictures and short descriptions making most wonderful things of the world easy and fun to discover.	All classes
EarthBook	Earthbook is an complete world reference book for your iPhone or iPod Touch. It provides exhaustive information on nations' geography, demographics, government, economy, infrastructure, and more.	All classes
Google earth	Fly around the planet with a swipe of your finger with Google Earth for iPhone, iPad, and iPod touch. Explore distant lands or reacquaint yourself with your childhood home. Search for cities, places, and businesses. Browse layers including roads, borders, places, photos and more. Visit the Earth Gallery to find exciting maps such as real-time earthquakes, planes in flight, hiking trails, city tours, and more. Use the new "tour guide" to easily discover exciting new places to explore. With a quick swipe on the tab at the bottom of the screen, you can bring up a selection of virtual tours from around the globe. With new 3D imagery, you can now fly through complete 3D recreations of select cities, including San Francisco, Boston, Rome, and others. With every building modeled in 3D, you truly get a sense of flying above the city.	All classes

App	Description	Class/age range
Virtual History Roma	A fantastic voyage to Ancient Rome, the capital of the largest empire in the ancient world, which has been reconstructed in virtual form and which you can explore in a "full-immersion" panoramic experience. The format provides the viewer with an astonishing insight into Roman civilization, using innovative functions and multimedia content: from the spectacular digital reconstruction of the city's statues to breathtaking aerial views of the metropolis as it stood 2,000 years ago, from the manipulation of models of the legionaries, gladiators and war engines to the 3D exploration of monuments such as the Colosseum, the Circus Maximus, Hadrian's Mausoleum and many, many others. The reconstruction of their original appearance, as seen from various angles, is overlaid and compared with their appearance in today's Rome.	Senior classes
Pocket History Ancient Egypt	MAD Learning's "Pocket History Ancient Egypt" is a digital book you can use to increase your knowledge and understanding of the Ancient Egyptian Empire that lead the world for 6,000 years. The book covers the following: ~ Historical Timeline of major periods ~ Daily life ~ What did the Egyptians eat? ~ Gods they believed in ~ Burial Customs ~ Commerce and business ~ Military campaigns	Senior classes
Myths & Legends Audiobooks	Teach your children/friends about Athena, Zeus, Hera, Aphrodite, Apollo and so many more. This is an extensive look at Greek and Roman Mythology and also differences between them. Perfect for anyone wanting to make a dive into these stories and legends. This audio book app is an extensive collection of myths and legends from the Greek and Roman cultural heritage, accompanied by a comprehensive review of all major and minor deities, gods, demons and characters presented in these myths. It also describes the festivals and retellings of major mythological stories. If you want to have an understanding of the ancient Greek, Roman gods and mythical characters, this is a must-have app. For anyone who is interested in ancient Greek and Roman mythology, it is very informative and insightful.	Senior classes

World War II, 1939–-1945	Fantastic app with 312 locations, relevant facts and events that took place during the Second World War, with their history:	Senior classes
The Irish War of Independence	Following several decades of increased tension and radicalism in Ireland centring on land reform and home rule, Irish desire for independence erupted into full-scale violence in 1916, but following that defeat, the forces pursing independence did not give up. After the general election of 1918 the Sinn Fein members of parliament created their own government of Ireland and a campaign both political and military began in an effort to liberate Ireland from British rule. From the bloody Soloheadbeg Ambush in January 1919, the same day the first Dail met, to the passing of the Treaty and the coming into being of the Irish Free State, John Dorney, brings the story of the Irish War of Independence to life in this short but information filled account of the events before, during and after the war. This app will guide you through this turbulent period to understand the politics and events of this key event in Irish history.	Senior classes
Renaissance Gallery	Art of the Renaissance~ Hold the entire Italian Renaissance in the palm of your hand! Renaissance Gallery includes the most famous works of artists such as Michelangelo, da Vinci, and Botticelli. Features: - 75 high-resolution images - info button for each image that includes the name of the work, and the year it was completed - Pinch zoom - look at the cracks in the paint! - Save the image on your screen to your photos - without the app's buttons obstructing. Artists: - Bellini - Caravaggio - da Vinci - Masaccio - Michelangelo - Raphael - Tintoretto - Titian - Botticelli	Senior classes
History: Maps of the World	History:Maps of World" is a fun and educational collection of high-resolution historical maps. Check it out to keep up with your history, learn something about history.	All classes

Science Apps

App	Description	Class/age range
Skeletal Anatomy 3D	Test your knowledge of 140 bones and landmarks with our Speed Quiz in 3D (with audio), or expand your knowledge with the reference section, nine 3D models, 12 Diagrams, plus video.	Senior classes
Marine Life – Rye Studio	When you think of the vast ocean, which animal first comes to mind? Does it have a massive body jumping out of the sea, like the blue whale? Or is it cute, hanging in groups and tumbling in the water, like the dolphin? Dive into the deep blue sea; it may surprise you. Look! That funny appearance, that colorful body—is that the clownfish we saw yesterday at the aquarium? This one unexpectedly grows feet and strolls around on the ocean floor—well, is that a fish or not? There are many, many marine animals. You have probably seen them before, but you don't know their names. After all, the animals in the sea are more numerous than animals here on land.	Senior classes
Electricity 101	Electricity 101: The TextVook," is a lively, informed crash course featuring engaging animations, that will get you up-to-speed on the history and fundamentals of electricity. useful world of Electricity into eight chapters that will keep you engaged and help you remember all that you've learned. You'll begin your journey with a brief introduction to electricity. Then you'll dive into important concepts like Coulomb's Law, electric fields, and charge density. Finally, you'll explore energy, real world set-ups, and resistance. Tip boxes in each lesson give you fascinating facts, hints and history about each topic.	Senior classes
Amazing Science- Volume 1	Ready to learn some Amazing Science? This app contains 11 professionally produced videos of Amazing Science experiments that can be performed with everyday materials! You'll learn about heat, pressure, electricity, magnetism, surface tension, buoyancy, and much more! Every experiment features the following: 1) Complete materials list. 2) Step-by-step video demonstration of how to perform the experiment. 3) Detailed explanation of every concept. 4) Multiple camera views so that you can see every angle. 5) Professional studio lighting and sound for crystal clarity.	Senior classes
Amazing Science- Volume	Ready to learn some Amazing Science? This app contains 12 professionally produced videos of Amazing Science experiments that can be performed with everyday materials! You'll learn about heat, pressure, electricity, magnetism, surface tension, buoyancy, and much more!	Senior classes

| Fun Science | Science doesn't always need to be done in a lab. Become a scientist from your own home by putting on your white coat and performing the experiments in this app. Sometimes science is just plain fun!

Using items that are found in the house and no more than a bit of ingenuity you can now wonder at science from your sofa, your kitchen, your bedroom or even the room where you take a bath! Make crystals to amaze your friends or whip up a slime to turn yourself into a zombie. Take your very own photos by making a pinhole camera and even make a battery from a simple lemon. Download the app to get instructions and explanation for more than 20 different fun experiments.

Marvel and conjure up magic effects with these simple experiments and things to make. There's all sorts of fun to be had and each experiment uses only ordinary ingredients and objects found in the home.

Whether you're interested in science, or just looking for a bit of fun, you'll find all sorts of experiments to inspire and entertain. Make a helicopter, or make like a spy and write secret messages and build your own periscope. There's something for everyone.

Each experiment includes instructions and an insight into the science behind it. | Senior classes |
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| Environmental Science --- Feraco | Environmental Science Buddy is the ultimate tool for learning about the Environmental Science. This app was designed by a teacher who has used all possible multimedia resources in the classroom for teaching regents curriculum. Environmental Science Buddy is not only an app for learning Environmental Science, but also a app for teachers. The features of this app makes studying extremely convenient. | All classes |
| Atlas: Animals of Planet Earth | Great Pocket reference for Animal lovers, education reference - Get VISUAL insights into mostly ALL existing AnimalS on this planet earth with detailed information. This App is a great pocket handbook for students or anyone interested to learn ALL ABOUT AnimalS! | |