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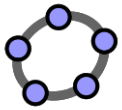
CCC CHUEN YUEN COLLEGE
e-Learning Support Group
Useful Apps in CYC App Store

Name	Icon	Recommend	Subjects	Applications	Remarks
PowerLesson 2		eLearning	Applicable to ALL Subjects	1. Create interactive Teaching material Teachers can use PowerLesson 2 to create interactive activities such as voting, quiz, drawing, uploading document and discussion forum etc. to get the instant feedback from students. Teachers can comment on students' work during the lesson time. Teachers can download the uploaded document after the lesson. 2. Interactive lesson Teachers can project any prepared activities to student's iPad. 3. Flipped Classroom Teachers can give students the lesson preparation material to read before the lesson (Before lesson teaching material). Students can revise any activities that have been projected by teachers in the lesson at home (In lesson teaching material). Teachers can give students exercise and reading material after the lesson (After lesson teaching material).	Students can log in eClass to access the Powerlesson 2 teaching material.

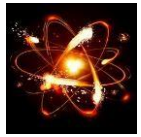
Book Creator for iPad		English	Applicable to ALL Subjects	iBook making Book Creator for iPad is an app that allows you to place text, videos, audio and images in a book layout, which can be exported to read in iBooks. Ideal for student's picture books, photo books, art books, cook books, manuals, textbooks, and the list goes on.	
Popplet		English	Applicable to ALL Subjects	Used as a mind-map, Popplet helps students think and learn visually. Students can capture facts, thoughts, and images and learn to create relationships between them. o Story Mapping o Time Lines o Sequencing and Ordering o Mind Mapping o Brainstorming	Easy to use
Super Duper Storymaker		English	Applicable to ALL Subjects	Create story and Tell story Users can make their story books, photo albums, and comic books. After that, they can record their sound on each page to do a presentation.	There are many built-in cartoon objects such as People, Animals and Foods etc. to help users create story book.
Grafio 3 – Diagram & Ideas		Computer	Applicable to ALL Subjects	Draw mind map, flowchart and timeline Students can brainstorm the ideas and use theme word/ photo/ video to construct the mind map.	Compared with Popplet, this app has built-in shapes, textbles, arrows and pictograms etc, therefore it can create much complex product such as poster. Moreover, the flowchart created by this app is more attractive.

micro:bit		Computer	Computer Literacy	Graphical Programming Users can assemble the build-in blocks to create the codes in iPad. By using the Bluetooth wireless technology, users can sent the codes to micro:bit to make it become LED screen, acceleration sensor or light sensor etc.	
mBlock – Graphical Programming		Computer	Computer Literacy	1. Remote control By utilizing the default program in the mBlock car, this app can act as a remote control to let the car move, make sound and become a light sensor. 2. Graphical Programming Users can assemble the build-in blocks to create the codes to let mBlock car achieve various missions such as avoiding obstacle.	The programming ability of this app is limited. It is suggested that user should use computer to construct the code.
GeoGebra		Mathematics	Mathematics	Geometry and calculus tool Teachers can ask student to input function/data to see the graph of that function. Students can draw the geometry to get the information about it such as coordinate of the vertex and angle.	Students need training to familiar with this app since it is a powerful and complicate tool.
WolframAlpha		Mathematics	Mathematics	1. Answer engine This app can compute secondary level mathematical question, and give the step-by-step answer (not all of the question). 2. Plotting graph Users can input the function into the app and get the information about it such as graph, solution and derivative.	It is a very powerful mathematical tool. Moreover, it can be used to solve the question related with Physics, Chemistry and Music etc.

Photomath – Camera Calculator		Mathematics	Mathematics	1. Use camera to photograph the written equation and get the answer Students can write down an equation and use this app to solve it. 2. Input equation and use this app to solve it. Only basic calculation can be solved.	Basically, it is an interesting tool to arise student's interest in calculation.
gMath		Mathematics	Mathematics	Interactive Mathematics Applets This application contains the interactive applets that help students develop a deeper understanding of mathematics. The content of applets is compatible with the syllabus of Hong Kong primary to secondary mathematics	1. Internet connection is needed to load the applets, 2. All applets in this application are available bilingually (English and Traditional Chinese)
Desmos Graphing Calculator		Mathematics	Mathematics	1. Plot graph Users can use Desmos to graph equations, inequalities, interactive variables and sliders etc. 2. Built-in examples Users can explore the built-in examples such as lines, parabolas, trigonometry, transformations and calculus to understand the properties of these functions. 3. Calculator Users can use Desmos to calculate the mathematics questions such as trigonometry function, probability and exponent function etc.	Apart from iPad application, students can go to www.desmos.com to access Desmos.

GoodNotes 4 – Notes & PDF		Mathematics	Applicable to ALL Subjects	Take notes Students can download the teaching material (pdf format) by using OneDrive and add text, image and drawing in it.	
Explain Everything Classic		Geography	Applicable to ALL Subjects	Interactive screencasting whiteboard Students can create a series of slides for presentation. This app allow user to insert text/photo/video/sound/web browser/equation and record audio/video.	The nature of this app is similar to Powerpoint.
Schoology		Geography	Applicable to ALL Subjects	1. Prepare teaching material Student can preview the lesson content and know when will be the next homework 2. Create and submit homework Teacher can give student homework and student can do the homework online. 3. Perform assessment Teachers can get the result of students' homework.	The functions of Schoology are very similar to Powerlesson. Teachers are suggested to use Powerlesson since it has more functions than Schoology.
EduVenture X		Geography	Applicable to ALL Subjects (For outdoor activities)	Integrated GPS-location based learning system Teachers can create various missions in different location. When students arrive the specified place, they need to use iPad to complete the missions. The missions include taking picture, recording audio and answering question. Teachers can get students' answers immediately in their iPads.	Students' devices need to connect to the wireless network when they carry out the outdoor activities.

China Real-Time Weather		Geography	Geography	Explore local and national weather conditions. Users can check the real-time temperature, precipitation and wind condition of Chinese provinces.	
Commander Compass Go		Geography	Geography and Mathematics	1. GPS application for outdoors Users can get detailed real-time GPS data and coordinates of their current location. 2. Off-road navigation. Users can use the application as bearing to find the direction of distant object. By adding the point in map, users can follow the directional arrow to find that object.	The device must be connected to Wi-Fi in order to use the map function
Circuit Builder		Integrated Science	Integrated Science, Physics	Construct electric circuit and Measure the voltage, current and resistor of different segments. Student can construct any circuit they want to see whether this circuit works normally. Moreover, they can measure the physics quantities in any segments.	
Current & Charge		Integrated Science	Integrated Science, Physics	Tutorials for electricity This app has eight activities designed for student to learn electricity step by step. Each activity has question to test student's understanding.	

Ohm's Law		Integrated Science	Integrated Science and Physics	Tutorials for Ohm's Law This app includes four activities that introduce the relationship between voltage, current, and the internal resistance of devices. Moreover, students can use voltmeters and ammeters to measure the potential difference and current respectively.	
iScienceAR		Integrated Science	Chemistry and Physics	Virtual 3D experiments There are seven virtual 3D experiments in the application. 1. Experiment of heating and cooling water. 2. Experiment of exploring elements 3. Experiment of reaction between reactive metals and water. 4. Experiment of how gravity effects objects 5. Experiment about the forces involved in knocking down a wall. 6. Experiment about Audio waves 7. Experiment of exploring Noble gases Through these experiments, users can explore the microscopic world, atomic structures and physics principles.	Users must use iPad to scan the iScienceAR Book(哇！原子彈出來了！) to retrieve the experiments. Therefore, this application must be used with the iScienceAR book.
Science360		Integrated Science	Integrated Science	Interesting science video and image Users can explore the latest science, engineering, technology and mathematics knowledge by watching various videos.	
wRite Formula		Chemistry	Chemistry	Puzzle matching game This application allows users to match cations and anions to form chemical compounds. Users race against time to identify the correct chemical formula and name according to IUPAC Nomenclature.	Students can download this application in their phone, so they can play it at their leisure.

Pocket Chemistry - Portable periodic table		Chemistry	Chemistry	Periodic table This application contains the complete periodic table. Users can click on the element to get the basic information.	There are too many advertisements in this application. It is annoying when you use this application.
Kahoot		History	Applicable to ALL Subjects	Game-based learning platform Teachers can create a multiple choice quiz and students will compete with their classmates to answer the questions correctly and quickly.	Students need to have iPad during the lesson. Compared with Plickers, Kahoot is more interesting.
Nearpod		History	Applicable to ALL Subjects	1. Create interactive Teaching material Teachers can import powerpoint into this app as teaching material. After that, teachers can add some interactive activities such as Quiz, Polling, Drawing and Video in the teaching material. 2. Interactive lesson Teachers can project specific slide onto the screen of student's iPad.	The nature of Nearpod is similar to Powerlesson. The teachers who are familiar with using Powerpoint are recommended to use this app. Comparison Users can use Powerlesson to create multiple-choice question, matching, true-false question, fill-in-the-blank and reordering question. However, users can only use Nearpod to create multiple-choice question and true-false question.

Plickers		Chinese History	Applicable to ALL Subjects	Collect answers of multiple choice questions Teachers can use iPad to collect student's answers and the application will generate the statistical report instantly.	Students do not need to have iPad during the lesson.
Quizizz Student		Chinese History	Applicable to ALL Subjects	Game-based learning platform Teachers can create a multiple choice quiz and students will be required to answer the questions correctly and quickly.	For Quizizz, the whole quiz will be given to students and they can answer the questions according to their own pace. The length of the question is unlimited, and the question will be shown in student's device. For Kahoot!, each question is distributed by the teacher and all students should answer the question within a certain time limit. The length of the question is limited, and the question is only shown in teacher's device.
HD Chinese & English Bible(CUV)		R.E.	R.E.	The Bible is bilingual in Chinese and English	
GarageBand		Music	Music	Music Production Create music with pre-made MIDI keyboards, pre-made loops, an array of various instrumental effects, and voice recordings.	
Awesome Xylophone Lite		Music	Music	Virtual Xylophone Users can play virtual Xylophone with quality sounds. Multi-touch function is available in this application, so users can play the chords.-	Only a portion of keys can be used in the lite version.

Drum Jazz		Music	Music	Virtual Drum Users can play the virtual drum and record their playing.	
Letscappella		Music	Music	1. A Cappella score sheet This application provides a selection of score sheets with different levels and genres. Users can practise different parts of A Cappella with the help of backing track. 2. Make your own A Cappella Users can record different parts of A Cappella and combine it to make a video collage	
Prisma		Visual Arts	Visual Arts	Create your artworks This app transforms users' photos into artworks using the styles of famous artists.	
PicsArt		Visual Arts	Visual Arts	1. Picture editor Users can remix pictures into awesome collages and memes. Moreover, users can add text, sticker, frame and drawing etc. on the picture. 2. Create your artworks Users can add filter on the picture to make it become an artwork.	
My Cartoon		Visual Arts	Visual Arts	Make your photo and video as fun Cartoon and Comic. Users can use filters when they take picture or record video.	

Counter Man		P.E.	P.E.	1. Electronic clicker This application can be used as electronic clicker for counting game scores, sport scores and people etc.. 2. Statistical analysis Users can get statistic graph such as ratio graph, sequence graph and bar chart to analyze the collected data.	1. It is used for Athletic Meets 2. For the free version, users are only allowed to use up to 5 counters and count 3 items at a time. Moreover, only sequence graph will be displayed.
Basketball strategy board		P.E.	P.E.	Virtual Basketball Strategy Board Users can move players and draw the lines on the board to explain the basketball strategies.	