Lesson ideas

	Section	Activity Time	Description

1	Learning Literature with iPad– Example	10'	**Literature example:**
			–"I'm a secondary English teacher and my students are studying Hamlet. I want them to analyse Act V, Scene I and understand the importance of the Gravediggers' scene in the play."
			–Workflow:
			  – Open iBooks and go to the Store
			  – Download Hamlet (Bookbyte Digital version) from the iBookstore.
			  – Use Table of Contents to navigate straight to Act III, Scene iv
			  – Look up some words, eg. arras, ducat
			  – Make personal notes on text and send to teacher
			–In pairs, use concept mapping software such iThoughts HD or SimpleMinds + to sketch out why this scene is a crucial turning point in the play (because Hamlet commits to violent action and brings himself into unavoidable conflict with the king).
			– Save mindmap as a pdf and use DropBox to send to teacher.

2	Learning Mathematics with iPad– Example	10'	**Mathematics example:**
			– "I'm a math teacher and I want to test my pupils' understanding of key concepts explained in class. I give them an assignment (individually or in pairs): they should imagine they are planning a school disco in aid of charity. Their task is to identify and research the possible costs, plan the budget for the event and answer some questions such as : What are the three main costs, what is the correct ticket price, how many attendees should we have to break even and what is the value of the funds raised."
			– Workflow:
			  –In Pages create new document explaining the proposal
			  –In Numbers lay out the various cost items and do a cost model based on the number of attendees
			  – Use charts to create a Pie chart with the different categories of expenditure
			  – Calculations can be done using the Calculator for iPad
			  – Use tables to present data
			  – Share document with teacher by email

3	Learning Science with iPad– Example	10'	**Science example:**
			– "As a secondary science teacher I would like my students to research the process of mitosis and present their findings as an ePub which can be shared with their class. Students will be provided with a specific list of questions from which they should choose 3 to answer and present"
			– Workflow:
			  – Use the following sources to research: Mitosis app (iPhone), Wikipedia (http://en.wikipedia.org/wiki/Mitosis) or iTunes U– Khan Academy or Open University..
			  –Save 3–4 images to the Photo Library from Wikipedia, or take screen grabs from Mitosis.
			  –If necessary use Photo Rotate app to rotate the photos.
			  – Use Book Creator to create an ePub featuring text and images. Respond to the questions.
			  – Share the ePub using DropBox or Apple TV

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4	**Learning History with iPad– Example**	10'	**History:** – "As a teacher we teach the topic of World War II and my pupils are currently learning about evacuation. I would like them to research this topic using YouTube, Wikipedia or iTunes U and, imagining they are evacuees, prepare a video report about their experiences and feelings." – Workflow: –Open YouTube app and watch http://www.youtube.com/watch?v=voUe1WFBD9Q –Search iTunes U for testimonials or podcasts –Save images from Wikipedia to Photo Library –Explore the British Library app for information – Open iMovie and create new project – Create a video podcast using the onboard camera to record video – Apply CNN iReport theme and identify location – Share movie to camera roll and using AirPlay, play to Apple TV in classroom
5	**Learning Geography with iPad Example**	10'	**Geography:** –" In a Physical Geography lesson students are taught about the course of a river. Students are going to use the Maps app to explore a river in a part of the world that is relevant. For example the Ganges in India. They will identify the different parts of the river taking screen grabs where necessary" – Ask participants to ope the Maps app and navigate to the specifies river. – Show participants how to take a screen grab. – Show participants how to crop screen grabs in the Photo App – Take participants to Wikipedia to research terminology and river features such as: source, waterfall, meander, flood plain, estuary, delta – Use Comic Life to create a one page document to show these various features. – Share the finished comic as a photo or via Twitter – Possibly use FlipBoard to distribute the finished comics
6	**Learning Modern Foreign Languages with iPad Example**	10'	**Spanish** – "In MFL lessons conversations are an important part of the learning that goes on. Using Apps such as th eFree Sanish Essentials, iTunes U (En rumbo Open University) and Podcasts (Coffee Break Spanish) it is possible to find great resources that can then be practiced and recorded with GarageBand" – As participants to look at iTunes U and the Podcasts as outlined above and download some episodes. – Find some basic conversation patterns to practice such as greetings. – Use GarageBand to record a conversation between two people. – Share the finished products with Apple TV

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7	**Learning English Language with iPad Example**	10'	**English** – " In English lessons different forms of the language are used for different situations. For example formal speech as on the TV News or a conversation between to friends talking about the event. iPad can be used for students to experience these two different forms of language" – Using the YouTube App or the BBC News App ask participants to find a current TV news example – Research the same news item online in Safari – Using an App like visio prompt (free) or Keynote get the participants to write a script – Record the script to camera in iMovie – If time allows now write a conversational script as if two people were gossiping about the same news item and record this in iMovie – Share the finished movies with Apple TV
8	**Learnig eSafety with iPad**	10'	**eSafety** –" it is difficult to give students a real understanding of the implications of the misuse of the internet without them experiencing this themselves. This activity will practice this in the safe environment of a class wiki" – Each participant will be given a pseudonym and allocated to a wiki page. – This will follow the pattern of the game 20 questions working in pairs – Each participant will be allowed to ask 10 questions of the other person to which the other person can answer only truthfully without giving any personal information away. – At the end of the 20 questions everyone will try to guess who their partners were and what they found out about them.

9	**Final Group Activity**	20"	–**Goal**: Ask participants to either execute one of the following tasks depending on their level:
			    –If they are beginner with iPad they can choose to practice by executing one of the above described workflows.
			    –Or if they master the features they can choose to research and suggest new iPad applications by curriculum areas.
			These skills will be very valuable to present or demo to potential educators wanting to learn how to get started with iPad.
			–First ask participants to share their reflections on what they have seen so far, then move to the group activity.
			–Ask participants to gather in groups corresponding to their interests and make sure they cover all 4 main curriculum areas.
			–Reconvene after some time and ask some groups to present.
			–**Say that if schools want to learn more about how to integrate iPad in the curriculum they can book APD workshops and go in depth in each topic.**