

## Activities based on iPad Apps in the Classroom for Teachers & Students

### Introduction Video:

<http://www.pdsttechnologyineducation.ie/en/Good-Practice/Videos/#94673623>

### 1. Numeracy

**Introduction (A): Socrative Student / Socrative Teacher: (5 Minutes)** Interactive online quiz as an introduction for teachers e.g. literary or geography quiz.

**Introduction (B): Math Lands : (5 Minutes)** The Tower of Hanoi, follow instructions and differentiate by level. Take a screenshot of your learning. Navigate to the main menu and complete the first level of the Frog Puzzle. How could you accommodate different pace of learning here? ( Participant led)

**Introduction (C):Notability:(5 Minutes):** Complete a simple math question e.g.  $75 \times 12 = 900$ . Take a photo of your answer, import it, add text and audio, save it and play it for fellow class members (Participant led)

**Key Methods:** Differentiation & Assessment. Take a screenshot so as to import at a later stage in one of open ended apps (**Participant led**)

*\*Math Stretch: Daily Numbers, Place Picker, Settings, View Work, Drag and Drop, Hundreds Chart etc (Tutor led)*

*\*Scratch Jnr: Coding through numeracy for junior classes, based on successful coding programmes nationally. (Tutor led)*

### 2. Literacy

**\*Collins Big Cat Apps: (5 Minutes):** It was a cold, dark night story creator. Read to me, read by myself and story creator. (Participant led)

Function for paired or shared reading, or can be incorporated as a station in Literacy Lift Off.

*\*<http://www.collins.co.uk/page/Collins+Big+Cat/Apps> - Full selection of apps*

**\*Safari: Oxford Owl: (5 Minutes):** Access through Safari and log in to see features of ebooks on tablets.

**\*Safari: Google Cultural Inst: (5 Minutes):** Navigate to world wonders, screenshot, add audio and commentary, create a quiz for others in your class etc.

*\*Build a Story: Begin with a narrative genre theme. Select your setting, add a cover page, title, text, characters and multiple pages.*

*Toontastic: Create a cartoon with setup, conflict, challenge, climax and resolution. Linked to the narrative genre.*

*Infant Literacy Apps: Starfall, Pocket Phonics etc.*

### **3. Gaeilge**

**\*Explain Everything: (5 Minutes):** Open ended app e.g. Mé Féin and video function to record attribute bear lessons, create and record a poem etc. (Participant led)

### **4. Science**

**Planets (5 Minutes) :** Begin with Sky 2D, Sky 3D view. Then move onto Globe view. Pause, pinch, zoom and take screenshot. Move to other planets and do the same. What colour is Mercury? What does the surface of Venus look like? KWL - assessment in action.

**Serial Bulbs (5 Minutes):** Follow the instructions to build a circuit and connect lightbulbs in closed circuits. Take a screenshot and import to camera file to be used in open ended app at a later stage.

**Show Me / Educreations:** Use to work collaboratively include text, pictures, audio and instructions before saving and sharing.

*Frog Dissection: Start Dissection / Frog Life Cycle / Quiz / Internal Organs / Videos / Interactives*

*Heart Pro III: Remove Layers / Mix Layers / Pins / Videos / Pen / Navigation.*

### **Music**

**\*Garageband:** Select and play from a wide range of instruments. Record and add voice over, audio or mix music to publish.

### **Visual Arts**

**Art Authority:** Access galleries of artwork from different eras such as Baroque, Renaissance and Impressionism around the world.

### **Teacher Functions: Accessibility (Mark)**

- Zoom Magnification
- Invert Colours
- Speak Selection
- Larger Text
- Subtitles & Closed Captioning
- Mono Audio & Balance
- Assignable Tones
- Guided Access
- Assistive Touch
- Support for Braille Displays

### **Resource Sites for Apps etc.**

- <http://www.pdsttechnologyineducation.ie/en/Good-Practice/Videos/#94673623>
- <http://www.appitic.com/index.php/themes/themes>
- <http://www.clareed.ie/resourcesList.php>
- <http://www.tmadeeasy.com/accessibility/#.VC0sSefc2Dg>
- <http://www.tabletsforschools.org.uk/>
- <http://www.sess.ie/index-of-apps>