Year Group~   5 and 6   iPad Day - Minecraft

	Main Teaching Activity			
	Objectives	**Strategies**	**Independent Group Work**	**Plenary**
Morning Lesson 1	**Minecraft** Literacy. To take notes for a diary entry.	Children to enter the classrom to the following: http://www.youtube.com/watch?v=b84Z3IRg3VA Explain that the children are to play together on **Minecraft** in **Survival mode** Ask a volunteer to play the game (One of the boys who are keen Minecraft players). During this model taking notes about what is happening, including emotion and description (as this will be later used to write a diary entry. For example Arrived naked in a mysterious world No food No shelter No tools Bare hands dug in the soil Found stone Found wood Made an axe etc	Children are to play Minecraft in small groups exploring in survival mode but **taking notes of their progress.** (Stop the children every 10minutes and ask 1 or two to read out their notes so far). Children may work in groups but must refer to each other in their notes eg Elated to find Shay on the other side of the island. He gave me a chicken and an axe He lived in a small wooden hut.	For the final 10 minutes, ask the children to go back over their notes and add to what they have written to include extra adjectives , emotions, ly openers etc.

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Monring Lesson 2	Minecraft Maths To undertsand area perimeter. To be able to calculate area using length x width. To understand ration and proportion. HA (To relate fractions to percentages and decimals)	Refresh the terms: **Perimeter** and **Area** with the class, and remind them of length x width as the forumula to find and area of a shape. Model using blocks to create a rectangle in Minecraft. Model taking a screenshot and exporting to PicCollage. NOTE: Play in Creation Mode so that the children have ready access to the different block types. Assuming that each block is 1cm x 1cm, Model the statements we could create eg Permieter = 18cm Area = 20cm2 Proportions : 4/20 are iron 5/20 are stone 11/20 are sand. Ratios: 4 sand : 11 sand etc Explain that the children are to create a poster showing different rectangles as well as their perimeter, area, proportions and ratios. Examples of simple posters (Perhaps LA) at: http://mrparkinsonict.blogspot.co.uk/2014/02/minecraft-maths.html	Children are to create their shapes in Minecraft, exporting screengrabs to PicCollage and giving statements showing the Area, Perimeter, Proportions and Ratios. They are to repeat for several shapes. LA: To focus on just Perimeter and Area to start with. Then adding ratios and proportions once their poster has been creates. (with TA support) MA: To create poster showing the Area, Perimeter, Proportions and Ratios. HA: With support from the teacher to include Area, Perimeter, Proportions and Ratios as well as percentages and decimal representation of some shapes. Teacher to work with group looking at shapes with an area of 20cm2 modelling how we can turn 20ths into percentages and decimals.	Children are to Airdrop their posters to teacher iPad. Posters to be printed for evidence in numeracy books. Blog posts to be created showing the children's work.

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Afternoon Lesson 1	Minecraft Literacy. To create an information page. **May take a whole afternoon**	Look at some example information pages based on the characters in Minecraft from the **Minecraft Beginners Handbook.** Photocopy examples for the children to look at and discuss the features of an information page. Children to annotate the text features they can see onto a photocopy of the page. Stick in Literacy books. Keep a note of these features on the board which the children can use as a checklist to support their writing. p.44 Creeper p.40 Animals p.46 Skeleton p. 48 Zombie p.50 Spider (All of these will appear in the Pocket Edition of Minecraft (iPad Version)) Model creating an information page using **PicCollage** for one of the characters of the children's choice.	Children are to be given 15-20 minutes to capture **screen grabs** whilst playing **Minecraft.** Children are to then use **PicCollage** to create their information page (or pages), making sure that they include as many of the features as on the class checklist as possible. Stop the class every 10 mintues to share excellent examples of children's work via **Airdrop.**	Children are to **Airdrop** their information pages to teacher iPad. Pages to be printed for evidence in literacy books. Blog posts to be created showing the children's work. (individual if possible)

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Afternoon Lesson 2	MineCraft RE (if time allows) Useful Youtube videos: http://www.youtube.com/watch?v=lAKGIljgQ4g http://www.youtube.com/watch?v=fjblsjEwZ2I	Look at the basic layout of a church and discuss why Churches are special to Christians. Look at some images of Churches on Google images and list any visible features. (Children could do this themselves via **safari** and **notes)** Look at the floor plan for a church, discuss how it is in the shape of a cross. http://www.norwich-churches.org/Glossary/Images/churh-plan.gif	Distribute print outs of the Church floor plan. Children are to work in small teams in **Creative** mode on **Minecraft** to create their own church. Ask them to include as many of the features identified from the images earlier in their work.	Children are to take a screen shot of their church and airdrop it the teacher. To be displayed on Class blog. QR code to be linked to blog post and placed in RE books.
Note:				
To work with a small group of children prior to the unit to investigate setting up a world which can be accessed by multiple students. Also, to check the number who can share one world and the differences between creative and survival modes. It may be worth playing the game for a short period of time personally so that you are familiar with the basics.				

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