



Lesson Activity Sheet

School: Malpas Court

Date: 13/01/15

Class size: 20-30

Year group: 6

Application used: Numbers (spreadsheet) and Subway Surfer

Resources: 15 ipad minis, interactive whiteboard, Paper, Pencils

Topic: Handling Information - Intro to Numbers

Overview:

This lesson uses the app 'Numbers' and introduces the idea of generating data to use in a spreadsheet.

Week 1

Learning Objective/s:

- 1.To understand what a spreadsheet, tables and cells are
- 2.To Understand the correct layout of a table in order to generate a graph

Learning Outcome:

Each child will have contributed data in the form of 'High Scores' in order to produce a class-wide spreadsheet. This spreadsheet will then be used to generate a colourful graph to display the results.

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LESSON OUTLINE

Starter input/Short discussion (5-10 mins)

Teacher lead discussion about the limitations of just writing data down vs recording the data properly in a spreadsheet. Hopefully it will be noted that you can share information much more easily in digital format, produce graphs and charts automatically etc

Activity (20 mins)

Using the interactive whiteboard, the teacher will demonstrate how to play subway surfer and instruct the children that, in their groups, they are to have 3 goes each, making a note of their scores on a table hand drawn on a piece of paper.

Input (5 mins)

Teacher to show the basics of starting a new spreadsheet on the whiteboard together with basic cell manipulation, data entry and formatting. A table with a list of all the children in the class is put on the board.

Activity (15mins)

Children are asked to take their best score and add it to the table that has been put on the board (either by reading out or actually inputting themselves depending on behaviour)

extension: Brighter pupils or those working at a good pace can start looking at how to create their own table.

Plenary/Reinforcement (5-10 mins at the end)

Recap on learning objectives. Ask the Children if they feel that they would be able to generate their own table using the techniques they have learned today.

It is important to gauge the level of learning that has taken place across the whole class and so to that end it is often appropriate to have a show of hands for each learning objective. Pupils can show 1 to 5 fingers indicating how well they feel they grasped each concept or learning objective.

National Curriculum:

- 1. Handling Information**
- 2. Recording and entering data**
- 3. Manipulating and displaying data**

