

## Lesson Plan

<b>Teacher</b>	[AA]	<b>Date</b>	00/00/00	<b>Period</b>	0	<b>Class</b>	8AA
<b>No. pupils</b>	00	<b>SEN</b>	0	<b>G&amp;T</b>	0		

<b>Project title</b>	Gangsta Zoo
<b>Context of project</b>	During this unit, pupils will reinforce their knowledge of spreadsheets. This will include a recap of writing basic formula and creating charts. They will then learn to sort data in tables, to write absolute cell references and to use tools such as conditional formatting.
<b>Lesson No.</b>	Lesson 4
<b>Learning Objectives for this lesson</b>	To sort data in a number of different columns in a table To be able to compare data from different data sorts To use the word wrap formatting feature
<b>Learning Outcomes for this lesson</b>	<i>All pupils will:</i> format their table and sort data on at least one column <i>Most pupils will:</i> format their table and to be able to confidently perform a number of different sorts on a table of data. <i>Some pupils will:</i> format their table and to be able to confidently perform a number of different sorts on a table of data. They will be able to write a formula for calculating which is the best value deal and identify an item to recommend. They might have enough time to create a column chart and a scattergraph of the data.
<b>Key Terms for this lesson</b>	Spreadsheet, formula, function, data, tables, titles, autofill, replicate, word wrap, sort, column, ascending, comparison, charts

<b>Starter</b>	<u>Identify the question</u> Pupils work in pairs to come up with a question that might fit the answer they have been given. Go through the questions with the class. While pupils are working, collect the posters that they did for homework. These could be used as the basis for a display about this project and spreadsheets in general.	10 mins
<b>Main activity</b>	<u>Introduction</u> Ask pupils to remind you about what they did during the last lesson  <u>Gangsta Zoo phone comparisons slideshow</u> Show the 'lesson 4 Gangsta Zoo' slideshow on the board and go through the slides. Ask a pupil to read aloud the text on the slides.  <u>Teacher explanation</u> Show pupils where to access a copy of the 'mobile phone comparisons.doc' from and briefly explain what they should do  <u>Individual task</u> Pupils should log onto their computer and access the task instructions and the spreadsheet. They should follow the instructions. Teacher to provide help and assistance as required.	2.5 mins  2.5 mins  2.5 mins  37.5
<b>Plenary</b>	Summarise.doc	5 mins
<b>Extension</b>	Extension tasks 11 and 12 on the task sheet. Create a well laid out column chart and a scattergraph and comment on the correlation between two data sets.	
<b>Homework</b>	Homework sheet.doc	
<b>Materials required</b>	Identify the question.doc Engage.swf (gangsta zoo phone comparisons slideshow) Mobile phone comparisons.doc Summarise.doc Homework sheet.doc	

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