

Lesson Plan

Teacher	[AA]	Date	00/00/00	Period	0	Class	8AA
No. pupils	00	SEN	0	G&T	0		

Project title	Gangsta Zoo
Context of project	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.
Lesson No.	Lessons 5 and 6
Learning Objectives for this lesson	<p>To be able to set up and enter data into a spreadsheet with minimal or no help</p> <p>To be able to write suitable formula to calculate totals with minimal or no help</p> <p>To be able to sort the data and create a suitable chart.</p>
Learning Outcomes for this lesson	<p><i>All pupils will:</i> enter most of the data from the tasksheet into a spreadsheet. They may require some help with the layout. They will apply some basic formatting.</p> <p><i>Most pupils will:</i> enter all of the data from the tasksheet into a spreadsheet. They will require little or no help with setting up the spreadsheet. They will apply appropriate formatting to the tables and the data. They will write suitable formulas to calculate the totals. They will be able to determine which animal earned the most.</p> <p><i>Some pupils will:</i> enter all of the data from the tasksheet into a spreadsheet. They will no help with setting up the spreadsheet. They will apply appropriate formatting to the tables and the data. They will write suitable formulas to calculate the totals. They will be able to determine which animal earned the most. They will sort the data in the table into ascending order. They will create at least one chart which is appropriately labelled. They might include conditional formatting and absolute cell references.</p>
Key Terms for this lesson	Spreadsheet, formula, function, data, tables, titles, autofill, replicate, word wrap, sort, column, ascending, comparison, charts

Starter	<u>Consider all reasons</u> Instructions are contained on the consider al reasons.ppt resource	5 mins
Main activity	<u>Introduction</u> Ask pupils to remind you about what they did during the last lesson	2.5 mins
	<u>Gangsta Zoo phone comparisons slideshow</u> Show the 'lesson 5 Gangsta Zoo' slideshow on the board and go through the slides. Ask a pupil to read aloud the text on the slides.	2.5 mins
	<u>Teacher explanation</u> Explain to pupils that they will be doing an assessed task and that they should think about the skills they have learned during the previous few weeks. Display a copy of the first page from 'righthand_man_competition.doc' on the board. Read through the instructions with pupils ensuring they understand what they have to do. NOTE: Do not mention specifics such as absolute cell references or conditional formatting as this will influence what they do. The brightest pupils should remember these things and try to incorporate them into their work, thus making it easier to differentiate the levels your pupils achieve.	5 mins
	<u>Individual task</u> Pupils should log onto their computer and access the task instructions. They should aim to do as much as possible by themselves. NOTE: if any pupils require help from you in setting up the spreadsheet this will limit their mark to a level 4. They should do as much as they can by themselves. <u>Handing task in</u> To save on printing and to make marking easier it would be preferable if pupils could either save their spreadsheet in a shared area, upload it to the VLE or email a copy to you.	35 mins
Plenary	Pupils should work in groups of 3-4. Give each group a sheet of paper and a set of post-it notes. Each pupil should aim to write down three things that they have learned during this project. They should stick their post-it notes to the paper and then join up with a second group to compare what they have written.	10 mins
Extension	There is an extension task provided on the task sheet. If pupils complete this ask them to look at the video tutorials on teach-ict.com and find another skill they could learn and incorporate into their task.	
Homework	The task should be completed under supervision thus homework is not appropriate this week.	
Materials required	consider all reasons.ppt Engage.swf (gangsta zoo the competition slideshow) Righthand_man_competition_2007.doc Competition_worked_version_teacher.xls Marksheet.doc	

DO NOT COPY

You may:

- Guide teachers or students to access this resource from the teach-ict.com site
- Print out enough copies to use during the lesson

You may not:

- Adapt or build on this work
- Save this resource to a school network or VLE
- Republish this resource on the internet

A subscription will enable you to access an editable version, without the watermark and save it on your protected network or VLE

DO NOT COPY