

## 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 2
<b>Learning Objectives for this lesson</b>	<p>To confidently incorporate basic formatting options into a spreadsheet</p> <p>To set up conditional formatting on a range of cells</p> <p>To write a COUNTIF function to count the number of times a term appears in a range of cells</p>
<b>Learning Outcomes for this lesson</b>	<p><i>All pupils will:</i> set up basic formatting in a spreadsheet. They will set up conditional formatting for the lions and may attempt to set it up for another animal.</p> <p><i>Most pupils will:</i> set up basic formatting in a spreadsheet. They will set up conditional formatting for all of the animals. They will attempt at least one COUNTIF function.</p> <p><i>Some pupils will:</i> set up basic formatting in a spreadsheet. They will set up conditional formatting for all of the animals. They will correctly set up all of the COUNTIF functions. They will write a correct SUM formula to total the animal numbers. They will investigate writing AVERAGE, MIN and MAX functions.</p>
<b>Key Terms for this lesson</b>	Spreadsheet, formula, function, data, titles, SUM, AVERAGE, MIN, MAX, conditional formatting

<b>Starter</b>	<u>Teacher Talkabout</u> The class gets the chance to 'test' the teacher. Instructions are on the ppt.	7.5 mins
<b>Main activity</b>	<u>Introduction</u> Ask pupils to remind you about what they did during the last lesson	2.5 mins
	<u>Gangsta Zoo wrestling slideshow</u> Show the 'lesson 2 Gangsta Zoo' slideshow on the board and go through the slides. Ask a pupil to read aloud the text on the slides.	5 mins
	<u>Individual task</u> What do I know task.doc Print out enough sheets for all pupils (one sheet = 2 pupils) Pupils complete the first section as a starter activity and then complete the second column for the plenary activity.	2.5 mins
	<u>Teacher explanation</u> Show pupils where to access a copy of the following resources and briefly explain what they should do: <ul style="list-style-type: none"> <li>• The wrestling match.doc</li> <li>• Wrestling.xls</li> </ul>	2.5 mins
	<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.	35 mins
<b>Plenary</b>	Complete their 'what do I know.doc' that they started at the beginning of the lesson. Hand this to the teacher.	5 mins
<b>Extension</b>	Task 6 and 7 on the 'wrestling match.doc'	
<b>Homework</b>	Learn one new formula or function from the video tutorials on the following page: <a href="http://www.teach-ict.net/software/excel_2007/excel_2007.htm#functions">http://www.teach-ict.net/software/excel_2007/excel_2007.htm#functions</a>  Be prepared to show the rest of the class next lesson.	
<b>Materials required</b>	Teacher Talkabout.ppt Engage.swf (gangsta zoo wrestling slideshow) What do I know.doc The wrestling match.doc Wrestling.xls Headphones to listen to a video tutorial	

*You may:*

- Guide teachers or students to access this resource from the [teach-ict.com](http://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

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