Lesson Plan

Date	
Period	
Class	7.
Lesson	Modelling Lesson 5

Context of the lesson Where this fits into the "Big Picture"	The Key Stage 3 curriculum requires pupils to learn how simple models are built by first investigating rules and then by seeing how rules can govern the behaviour of simple models. This series of 6 lessons will develop these skills, eventually leading pupils to set up a model and then using it to investigate various scenarios.		
MLO for this lesson.	Know: How to plan out a spreadsheet		
What will pupils know/understand by the end of the lesson	Understand:. Why it is important to plan things before you create them on the computer		
	Be able to: To create a spreadsheet from a plan		
Teacher input/Activities.	Greet and settle students. Take register whilst students are working on the starter activity.		
What the pupils should undertake with approximate timings.	Starter: Give students a copy of the spreadsheet crossword. They should complete this individually. Go through the answers as a class.	10 mins	
	Individual Task Hand out a copy of 'lesson 5 task.doc'	35 mins	
	Discuss the scenario of the task with students.		
	Discuss with them why it is important to plan things such as a new spreadsheet out on paper before actually creating it on the computer.		
	Students should then use the document to help them plan out their spreadsheet.		
	They should then follow the plan and create their spreadsheet.		
	Remind students that the plan should be included in their project.		
	Students should also print out: a copy of their spreadsheet their formula sheet a copy of their charts 		
	These should be annotated for homework		
	Remind them to use the video tutorials on http://www.teach-ict.com/software/excel/excel.htm They should aim to find out for themselves how to do things before asking for help.		
	Provide assistance as required.		

Review/Summary	Either pick a quiz that you would like students to do or let them pick 5	mins
At least 5 minutes before	their own from:	
end.	http://www.teach-ict.com/ks3/unit7_4/s_unit4.htm	
Extension work	Give any students who complete the lesson task, a copy of 'modelling predictions.doc'	
Homework	Print out their work and annotate at least one printout.	
Materials required	Spreadsheet crossword Lesson 5 Task.doc Modelling predictions.doc http://www.teach-ict.com/software/excel/excel.htm	

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:

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

A subscription will enable you to access an editable version and save it on your protected network or $$\operatorname{VLE}$$