Lesson Plan

Date	
Period	
Class	7.
Lesson	Modelling Lesson 6

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 the requirements of a spreadsheet		
What will pupils know/understand by the end of the lesson	Understand:. How to write predictions and test them out Why it is important to plan things before you create them on the computer		
	Be able to: Set up a spreadsheet with minimal help and use it to mode scenarios	l different	
Teacher input/Activities. What the pupils should	Greet and settle students. Take register whilst students are working on the starter activity.		
undertake with approximate timings.	Starter: Give individual students or pairs a copy of the starter activity. Go through the answers as a class.	10 mins	
	Individual Task Hand out a copy of 'delivering letters.doc'	30 mins	
	Discuss with students the scenario of the task and perhaps read the facts with them to ensure they understand them.		
	Students should then follow the instructions to set up their own spreadsheet.		
	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.		
	Evaluation Show students how to access the evaluation. Go through with them how to complete it and the sorts of things to write.	5 mins	

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 'extension task.doc'	
	They can set up a simple spreadsheet to help them find the answers to the three	
	questions posed.	
Homework	Write their evaluation. Assemble their project along with a front cover and	
	bring to next week's lesson.	
Materials required	Starter activity	
	delivering letters.doc	
	extension task	
	Access to www.teach-ict.com	

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 $$\operatorname{VLE}$$