

**PGCE IT 2001-2002: Lesson plan pro-forma Naz Salaam**

Topic KS3 Logo Procedures	Date 24/10/2001
Title House in Logo	Time 2:30pm to 3:15pm
Class 7I	Room C15
Lesson no <u> 2 </u> in a sequence of <u> 4 </u> lessons	

**Aim**

To draw the House using MSWLogo.

**Learning Objectives**

To be able to:	
All	understand basic Logo commands to draw the House Understand the need for careful planning
Most	draw the House using Procedures Use at least one repeat command
Some	draw the House using Variables Reduce the number of procedures used by using Repeat commands Understand the importance of planning and logical thinking.

**Key Questions**

What are Procedures?  
What are Repeat commands and how and when they can be used?  
What are Variables?  
How do you input Variables?  
How do you save all commands?

**Resources**

Computers, OHP/SMARTBoard, White Board, MSWLogo, Scrap Paper, pupil's House drawing, Logo Tutorial Booklet, Set Instruction Sheets (1 to 4).

**Links with IT NC/GCSE**

KS3 DI (Developing Ideas) Level 3/4

**Link with previous lesson**

Group Activity: Human Turtles carried out and discussion session.  
Homework has been set for pupils to draw a House on graph paper according to a set criteria – used in this lesson.

<b>Time</b>	<b>Pupil Activity</b>	<b>Teacher Activity</b>	<b>Resources</b>
2:30 – 2:35	Listening	Recap on last lesson. State the objectives for this lesson, outcomes and purpose.	OHP/SMARTBoard, White Board, MSWLogo.
2:35 – 2:45	Listening	Reinforce basic Logo commands taught previously, introduce Procedures, Variables and Repeat command.  Mention how to save all commands.  Instruction Sets 1 – 4 handed out to appropriate groups, explain instructions.	OHP/SMARTBoard, White Board, MSWLogo, Instruction Sets 1 – 4, Logo Tutorial Booklets.
2:45 – 3:10	Practical session: Using MSWLogo draw House (produced as homework on graph paper).  Follow Instruction Set given.	Assisting pupils.	Computers, MSWLogo, Homework, Instruction Set, Logo Tutorial, Scrap Paper.
3:10 – 3:15	Save ALL commands.  Log Off.	Demonstrate on screen how to Save.	Computers, MSWLogo, Homework, Instruction Set, Logo Tutorial, Scrap Paper.
Homework/extension to next lesson		Explain all the difficulties experienced in	

	today's practical session.  Optional: Add to your House extra features e.g. Colour, Sun, Trees, etc using the criteria.
Differentiation - alternative activities	Add extra features to drawing on MSWLogo e.g. colour.