

PGCE IT 2001-2002: Lesson plan pro-forma Amer Mohiuddin

Topic : Logo

Date : 20/10/2001

Title : How to create a House using Logo Time : 1hour 5 mins

Class : Year 8

Room :

Lesson no 2 in a sequence of 4 lessons

Aim

To create a house using procedures in Logo

Learning Objectives

All pupils should be able to understand and use basic LOGO commands such as :

- pd
- rt
- lt
- cg
- fd
- bk
- pu
- repeat

Most pupils should be able to draw the house using simple Logo procedures.

Most pupils should understand what is a procedure and how to define a procedure in Logo.

Most pupils should be able to add colour to the House to make the drawing more appealing to the viewer.

Some pupils may be able to use sub procedures and variables to draw shapes such as a circle to draw a sun for example.

Key Questions

What do these commands mean in Logo?

- pd
- rt
- lt
- cg
- fd
- bk
- pu
- repeat

What is a procedure?

How do we define a procedure in Logo?

What is a variable in Logo?

Resources

PCs, Logo Software, worksheet, homework sheet and smartboard.

Links with IT NC/GCSE

Strand: Developing Ideas and making things happen

Link to ICT Unit 6 Control Input Process & Output

Link with previous lesson

In the previous lesson the pupils would have understood and used simple Logo commands to produce various shapes.

Time	Pupil Activity	Teacher Activity	Resources
5mins	Enter the classroom and settle down	Observe Pupils	
5mins	Listening and looking at the smartboard	Recap on last lesson and overview of today's lesson. Explain learning objectives	Smartboard
15mins	Work through the worksheet and write down Logo commands for drawing a House.	Observing.	Worksheet and PC
5mins	Q & A to solve problems and queries.	Answer Questions and Explain how procedures and variables can be used in Logo	Smartboard
10mins	Using the worksheet identify from their commands where they can create procedures.	Observing, helping, reinforce task	Worksheet and PC
10mins	Make use of variables to create shapes.	Observing, helping, reinforce task	Worksheet and PC
5mins	Listening	Questioning, Answering and summarising lesson	Smartboard
5mins	Log off , give back worksheets in and take down homework	Collect worksheets and give home work	Smartboard
Homework/extension to next lesson		Complete the procedures to create the house and next lesson we will be continuing with variables	
Differentiation - alternative activities		Use of colour, procedures and variables.	