

PGCE IT 2001-2002: Lesson plan pro-forma

Topic: ICT Logo	Date
Title: Introduction to Logo	Time 60 mins
Class Year 8 KS3	Room 70
Lesson no 2 in a sequence of 3 lessons	

Aim

To get pupils to understand what Logo is and how to use the Logo commands.
To also get pupils to complete the drawing of Logo house which is the class task for today.

Learning Objectives

All: Understand what Logo is and what it can be used for.
To understand and be able to use Logo commands i.e. FD RT PU PD

Most: To be able to do the above and complete the class tasks of being able to draw a house using Logo Commands. To also understand that you need to use Maths (in terms of working out degree) to complete the task.

Some: To complete all of the above objectives and to also develop their use of Logo further by drawing more difficult pictures or shape using Logo commands via using variables. This can include expanding on the Logo House itself.

Key Questions

What are the main Logo commands and what do they do?
How do you stop the turtle from drawing on the screen and how do you make it draw again?

Resources

Computer Suite,
Computers,
Smart Board that work, or white board with a Projector if there is no smart board.
MSW Logo

Links with IT NC/GCSE

KS3 – 2abcd
4a

Link with previous lesson

Introduction to “Developing ideas” which was talked about last week and then going into more detail about Logo after giving class a brief insight the subject last week.

Time	Pupil Activity	Teacher Activity	Resources
0 – 10mins	Come into class and be quiet to listen to teacher.	Getting pupils into the class and settling them down. Recap on last week lesson (Developing ideas)	Firm Voice
10 – 20 mins	Listening to teacher regarding today class	Explaining task for today and showing pupils how to use logo commands and handing out work sheet. Explain that they will need to use (i.e. 30°) to work out how to design the roof	Smart board/ white board Work sheet List of command showing what they mean Pen
20 – 55mins	Do set tasks and once they have finished it. Need to print it and place it in their work folders. If this is done quickly then they are to practice commands by expanding on the Logo house by trying to place a back round around the house.	Tell children to go to the computers (working in pairs) to log on and to start today class. Assist any pupils who do not know what to do or do not understand how to use the Logo command	Computer Printer, Smart board Computer
55 – 60mins	Clean up classroom be ready to leave the class	Stop class and get them ready to leave class for next lesson	Firm Voice

Homework/extension to next lesson	To write about the problems they had using logo. To also list commands used.		
Differentiation - alternative activities	If they have tried to expand logo house to write out the command they used and to list any problems they incurred,		