|  |  |
| --- | --- |
| • Subject / Curriculum area- ICT • Class Details- Year 6 | |
| • Day / Date- 03.03.2011 • Length of session- 40 minutes | |
| **Prior Learning** | |
| Children may have used logo/roamer software before or floor turtles further down in school. Some children may already be familiar with the Textease Turtle programme- These children can help others. | |
| **Programme of Study / Numeracy / Literacy Framework Addressed** | |
|  | |
| **Specific Learning Objectives for the Session** | |
| * To understand control within ICT and its uses | |
|  | |
| **Time** | **a) Introduction** |
|  | * Discuss control with the children. * When might they have seen examples of control? * Talk about examples such as traffic lights which repeat the same commands. * Why is it important that they keep repeating? * How do they think computers can help control systems? * Introduce Textease Turtle. Have any children used this before? Explain how to open the programme and create a new turtle. |
|  |  |
|  |  |
|  |  |
|  |  |
|  | **b) Development** |
|  | * The children will begin to use Textease Turtle and initially use the arrows as controls * Ask them to experiment with colours and directions as well as the pen down/up control * What happens if they repeat this? * If children are finding this easy they may begin to use the commands eg. FD, RT… * For children who are finding this easy and have quite obviously worked out how to control the turtle a sheet of instructions will be provided for the turtle and children may work out what shape each set of commands creates |
|  |  |
|  |  |
|  |  |
|  |  |
|  | **c) Conclusion / Plenary** |
|  | * Discuss how the same system used for Textease Turtle could be useful in an everyday situation. What do the children think? |
|  |  |
|  |  |
|  |  |
|  |  |
| **Specific Learning Outcomes for the Session** | |
| At the end of the lesson children will have thought about control within ICT and its possible uses. They will have experienced the Textease Turtle programme and become familiar with the commands in preparation for next lesson. | |
|  | |
| **Assessment** | |
| Through plenary discussion understanding from the starter activity will have been established. By watching the children progress on the Textease Turtle programme it will be evident whether or not they have mastered controlling the turtle | |
| **Resources** (Human/Physical) | |
| Computers (one per child/between two)  Textease Turtle software | |
| **Risk Assessment** | |
| Children are to sit sensibly on their seats  Ensure no children are playing with items they shouldn’t be eg. Scissors, glue  No children should be playing by the smart board, nor should there be any food or drink present  They must be careful and sensible whilst using the computers | |