|  |  |  |  |
| --- | --- | --- | --- |
| **Date:**  | **Class:** 7 |  | **HW:**  |
| **The Big Picture**Pupils are being introduced to programming using a text based language. Some may have already had experience of using a “drag n drop” or “building block” method to write programs. These lessons will give pupils the opportunity to experience writing / running programs and develop a range of skills such as problem solving that can be used across curriculum areas. |
| **Lesson Objectives All*** Be able to write Statements in Small Basic programs
* Be able to use some Properties of the **TextWindow** object
* To be able to explain what the Operations of the **TextWindow** object can do
 |
| **T** | **Teacher** | **Pupils** |
| 5min5min20min20minmin10 min | **Starter: - Check word scramble answers (pupils can self or peer assess)** Do this while completing the registerKeyword definitions go through these with the pupils they should be written in pupils books.Task 1 - Demonstrate how to write a statement – get pupils to save their program – name it statementsTask 2 – Demonstrate the RUN a HIDE operations of the TextWindow objectTask 3 – Demonstrate the properties of the TextWindow object – pupils should save program with sensible name eg “textwindow\_properties”Encourage pupils to experiment with the properties, change the colours, title cursor placement Task 4 – Depending on pupil progress demonstrate the tasks or allow more able pupils to work from a printed worksheet to complete - Operations of the TextWindow * **Pupils should print screen their programs and print them out**

Plenary **– Stick print code into books then annotate them with their** WWW & EBI comments | Pupils practice writing a statement in small basic Pupils practice using the RUN & HIDE operationsPupil practiceIndependent pupil work |
| **Success criteria** * A program which uses statements
* Changes properties of the TextWindow
* Makes use of operations in a program
* Explain the difference between Write & WriteLine operations
 |
| **Differentiation / Extension** Pupils may want to use the colour coded printed worksheet to refer back to – others to use the plain black codeELO - Extension task – show what you know |
| **Assessment For Learning*** The programs they create
 |