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| **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** |
| 5min  5min  20min  20minmin  10 min | **Starter: - Check word scramble answers (pupils can self or peer assess)** Do this while completing the register  Keyword 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 statements  Task 2 – Demonstrate the RUN a HIDE operations of the TextWindow object  Task 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 operations  Pupil practice  Independent 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 code  ELO - Extension task – show what you know | | | | | |
| **Assessment For Learning**   * The programs they create | | | | | |