This assessment checklist provides a guide to record student's demonstrated skills and knowledge.

**BBC Micro:bit project: Assessment checklist**

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|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date \_\_ / \_\_ / \_\_ |
| Demonstrated knowledge/skills | Yes/No or progressing | Comments |
| The student documented their design before implementing their digital solution. In their design the student includes:* the design identifies a problem and how their solution will address the problem.
* data and functional requirements are identified
* an algorithm that shows decisions (**branching**), **user input** and any loops (**repetition**)
* a logical sequence to help programming the solution

The student portfolio is complete and includes: * challenges and how these were overcome
* dates tasks were undertaken
* an indication of skills used or developed

The student completed the self-reflection which provides:* an accurate indication of their skills and knowledge
* an accurate indication of their performance
 |  |  |
| The students use record a video or create a brief presentation to **explain** their project including such things as: * A project description and what problem they are solving
* The digital solution in action
* an accurate explanation of the way the program works
* reference to user input, decisions and loops
* an evaluation of the solution compared to the initial design and intention (how well does it work?)
 |  |  |
| The student can:*(list key ideas explained confidently)* |
| The student would benefit to next work on:*(list key ideas that were not evident or not demonstrated to a sufficient level)* |

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