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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