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| **Alternative Evidence Gathering Template – Internal Assessment** | | | | | | | | | | | | | | | |  | |
| These templates must only be used to record student achievement and report results where remote assessment is the only practical option and the collection of direct assessment evidence from students has not been at all possible. ‘Alternative Evidence’ is student evidence for internally assessed standards that has been seen or heard within the teaching and learning programme. These templates do not signal a reduction in what is accepted for each grade, but rather a means of summarising evidence for reporting. These templates must be viewed in conjunction with the standard and assessment advice forwarded to schools to ensure that valid, credible and reliable assessment and learning has occurred before the standard is awarded. While physical evidence of student work does not need to be attached, the assessor decisions made must also be verified internally before reporting results. | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
| Student ID | | Student 1 | | | | | | | | | | | Subject | Digital Technologies | | Level | 1 |
| Notes | |  | | | | | | | | | | | Standard No. | 91885 | | Version | 1 |
| Standard Title | | Demonstrate understanding of searching and sorting algorithms. | | | | | | | | | | | | | | Credits | 3 |
|  | | | | | | | | | | | | |  | | |  | |
| **Achieved** | | | | | | | | | **Merit** | | | | | | **Excellence** | | |
| Demonstrate understanding of searching and sorting algorithms. | | | | | | | | | Demonstrate in-depth understanding of searching and sorting algorithms. | | | | | | Demonstrate comprehensive understanding of searching and sorting algorithms. | | |
|  | | | | | | | | | | | | |  | | |  | |
| **Key requirements (list):** | | | | | | A | | | M | | | E | **Describe or attach the evidence considered.** | | | **Explain how the judgement was made.** | |
| Describing applications of searching and sorting. | | | | | |  | | |  | | |  |  | | |  | |
| Carrying out a searching algorithm accurately. | | | | | |  | | |  | | |  |  | | |  | |
| Carrying out a sorting algorithm accurately. | | | | | |  | | |  | | |  |  | | |  | |
| Describing how the cost for a chosen searching or sorting algorithm changes as the size of the problem increases. | | | | | |  | | |  | | |  |  | | |  | |
| Explaining the relationship between searching and sorting. | | | | | |  | | |  | | |  |  | | |  | |
| Determining the best, average, and worst-case costs of two searching or sorting algorithms and explaining the implications. | | | | | |  | | |  | | |  |  | | |  | |
| Discussing real-world usage and implications of searching and sorting algorithms. | | | | | |  | | |  | | |  |  | | |  | |
| Investigating the cost of searching or sorting algorithms with different data sets. | | | | | |  | | |  | | |  |  | | |  | |
|  | | | | |  | |  | | |  | | |  | | |  | |
| **Sufficiency statement** | | | | | | | | | | | | | **Internal Verification** | | | | |
| Achievement | All of A is required | | | | | | | | | | | | Assessor: Date: | | | | |
| Merit | All of A and M is required | | | | | | | | | | | | Verifier: Date: | | | | |
| Excellence | All of A, M and E is required | | | | | | | | | | | | Verifier’s school: | | | | |
| MARK OVERALL GRADE | | | N | A | | | | M | | | E | | Comments: | | | | |

For the purpose of national external moderation:

* only six WORD templates are required where available
* samples are not required to be randomly selected
* there should be one each of N, A, M, E and up to 2 others
* descriptions of evidence and explanations of judgements are not required for all other students, and a spreadsheet may be used.