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

**Digital Systems: Assessment checklist**

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|  |  |
| --- | --- |
| Year 5-6  | Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Digital systems  | Date \_\_ / \_\_ / \_\_ |
| Demonstrated knowledge/skills | Yes/No or progressing | Comments |
| The student creates a concept map or mind map that includes the **fundamentals of digital system components** such as:- input devices eg keyboard, mouse and microphone- output devices eg monitor, speakers, printer- hardware (all the physical components) and software (programs that instruct computer) look for day-to-day software students are familiar with and use- connections via cables, Wi-Fi or Bluetooth- types of digital systems eg desktop computer, laptop/Chromebook, tablet, smartphone, server (file storage) The student includes reference to benefits of a network.* Share and store files
* Share printer
* Use of a router to connect to the internet
* Wi-Fi use devices wirelessly (ease of use)

The student includes reference to security measures.* Passwords and log in restrictions
* Restricted access to files
 |  |  |
| The students use their concept map or mind map to **explain** such things as: * How digital systems are connected to form a network.
* Why digital systems are connected via a network.
* How a network enables you to connect to the internet.
* Who is allowed or not allowed to use the network?
* Are there different levels of access for users? If so, why?
* What are users able to do once they are connected to the school network?
* What would happen if your school didn’t have a computer network?
* Any suggested improvements to the school network.
 |  |  |
| 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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