

EVALUATING DIGITAL SOLUTIONS

Levels 5-6



Information

Digital systems refer to digital hardware and software working together to transform data into digital solutions. The hardware interacts with the software to help perform a task. This task could be using a word processing program (software) on a laptop (hardware) to create a written document.

Once the hardware and software are connected, the digital system forms a network.

Students will evaluate digital solution by:

1. Defining the purpose of the digital system – how the digital system helps users to perform a task.
2. Investigating the digital system in terms of the wider community. Considering the systems that are in place around their community and how these systems are helping that community.
3. Investigating the digital system in terms of meeting needs. Looking at how the digital systems helps to perform a task and how it helps the user to solve a problem.
4. Investigating the digital solution in terms of foreseeing the future and how the digital system can help future needs, considering possibilities of the future.

Curriculum Expectation

Students will follow the process of evaluating digital systems in terms of defining the purpose, understanding how it benefits the community in terms of meeting current and future needs.

DIGITAL SOLUTIONS

Evaluating digital systems



Analyse how digital systems meet current and future needs within a community.



Define the purpose of a digital system



Investigate how the digital system helps the community



Investigate how the digital system meets current needs



Investigate how the digital system meets future needs

