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 current digital systems (student solutions or existing solutions) based on meeting the needs is user, are innovative ideas and take into account future risks and sustainability to ensure the digital system is able to develop over time and focus on longevity.

Curriculum Expectation

Students will evaluate current digital solutions and solutions they have created themselves. They evaluate their effectiveness based on meeting the needs of the target user, are innovative in the delivered concept. They will identify risks that may develop and evaluate the system in terms of sustainable resources.

Video Resource

Click the images to open the videos
Watch and be inspired by students from around the world that have created digital solutions to real-life problems.
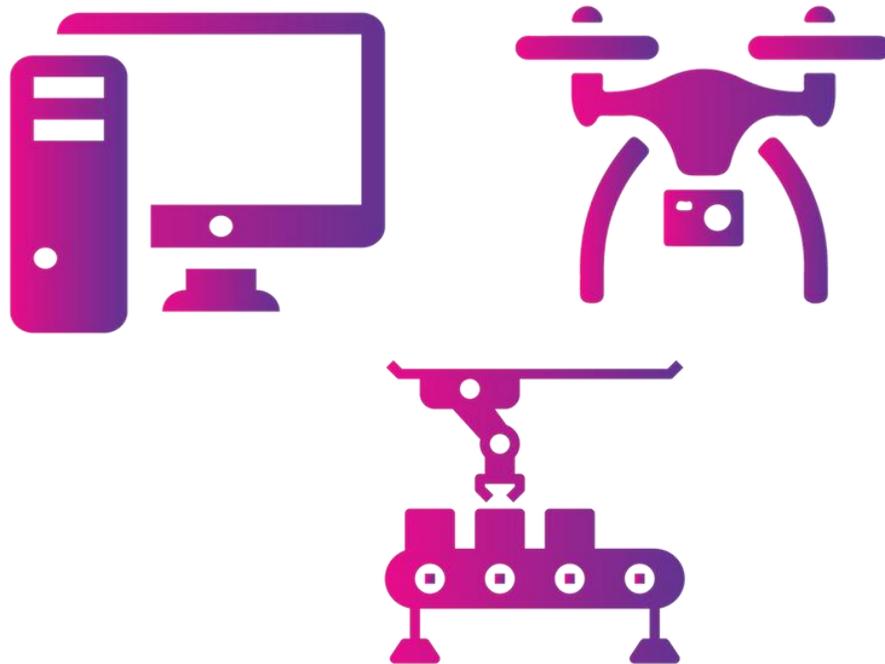

Video Source: Darmouth College

Video Source: TED

DIGITAL SOLUTIONS

Evaluate digital solutions

Base the evaluation on:

Meeting needs

Innovation

Consider future risks

Sustainable over time