Student Digital Literacy and Digital Ethics

A project to develop a self-directed programme in the fundamentals of digital literacy for all students.

The Digital Literacy program will develop both the competency to use, access and communicate information using digital tools and forms, as well as the ability to comply with the necessary standards of behaviours expected in online environments. The program should also impart an understanding of the shared social issues created by digital technologies. This would include modules on netiquette, cyber safety and cyber security.

Key digital literacy skills include:

- Photo-Visual Literacy: In working with graphic user interfaces, this helps students to "read" intuitively and freely, and to understand the instructions and messages represented visually.
- Information Literacy: The ability to know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand."
- Socio-Emotional Literacy: This means being able to avoid "traps" as well as derive benefits from the advantages of digital communication. It involves mainly sociological and emotional aspects of work in cyberspace.
- Reproduction Literacy: Digital reproduction literacy is the ability to create a meaningful, authentic, and creative work or interpretation, by integrating existing independent pieces of information.
- Branching Literacy: This pertains to the skills of knowledge construction using information that was accessed in a non-linear manner.

Students will be provided with opportunities to engage in collaborative projects to use digital technology.

Teachers will have access to digital solutions, utilizing adaptive learning technologies, to enhance their ability to offer differentiated instruction (in all subject areas, and with particular emphasis on the enhancement of literacy and numeracy skills.)

This programme is at the design stage