**Digital Technology**

Digital Technologies curriculum aims to ensure that students can:

* design, create, manage and evaluate sustainable and innovative digital solutions to meet and redefine current and future needs;
* use computational thinking and the key concepts of abstraction; data collection, representation and interpretation; specification, algorithms and development to create digital solutions;
* apply systems thinking to monitor, analyse, predict and shape the interactions within and between information systems and the impact of these systems on individuals, societies, economies and environments;
* confidently use digital systems to efficiently and effectively automate the transformation of data into information and to creatively communicate ideas in a range of settings; and
* apply protocols and legal practices that support safe, ethical and respectful communications and collaboration with known and unknown audiences.