



ISTITUTO DI ISTRUZIONE SUPERIORE
“MICHELE GIUA”



ind. CHIMICO-AMBIENTALE-INFORMATICO – LICEO SCIENTIFICO opz. SCIENZE APPLICATE
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A.S. 2025/2026

Classe	Indirizzo	Disciplina	Docente
3H	Informatico	Lingua inglese	Alessandra Pani

Libro di testo: *Bit by Bit, English for Information and Communications Technology (New Edition)*, Doretta Ardu, Roy Palmer, ed. Edisco, vol. unico

Unit 1.1

- Main fields of computing
- ICT and health
- ICT and work
- ICT, education and culture
- ICT and the environment

Unit 1.2

- The binary system and units of measure
- Analogue vs digital
- The history of computers
- Present-day computers and their future evolution
- Large computers
- Smaller computers
- Mobile technology
- Wearable, handheld and embedded computers

Unit 2.1

- Integrated circuits
- Transistors and microprocessors
- Transmission media

Unit 2.2

- Hardware and software
- The CPU and the machine cycle
- Computer memory
- Primary storage
- Secondary storage: magnetic devices
- Secondary storage: optical discs and solid-state memory

Unit 2.3

- Peripheral devices
- Primary input devices
- Other input devices
- Primary output devices
- Other output devices
- Automated input devices and control devices

Educazione civica: social media bans in the Anglosphere (Australia); the political system of the UK.

La docente



Cagliari, 26 giugno 2026