



ISTITUTO DI ISTRUZIONE SUPERIORE

Michele Giua

Cagliari

ANNO SCOLASTICO 2024/2025

PROGRAMMA SVOLTO

Classe: 3^a G - Ist. Tecn. Art. Informatica - Cagliari

Materia: Lingua straniera (Inglese)

Docente: 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
- ASCII code
- Charles Babbage's analytical engine

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: Agenda 2030, goal 4 - quality education

La classe ha lavorato sulla grammatica e sugli aspetti riguardanti la produzione scritta e orale durante l'anno, ogniqualvolta ci sia stato bisogno di spiegazioni o chiarimenti.

Cagliari, 19 giugno 2025

La docente

Alessandra Iuv