



Istituto Tecnico Commerciale e Geometri “G. M. ANGLOY”

Liceo scientifico (op. scienze applicate), Costruzioni Ambiente e Territorio, Grafica e Comunicazione, Biotecnologie Sanitarie, Informatica e Telecomunicazioni

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PROGRAMMA SVOLTO

ANNO SCOLASTICO

2024 / 2025

DISCIPLINA

LINGUA E CULTURA INGLESE

DOCENTE

MONICA VALENTINI

CLASSE

3 A

CORSO INFORMATICA E TELECOMUNICAZIONI

TESTO ADOTTATO

ARDU D. / PALMER R. - BIT BY BIT, NEW EDITION - VOL. U – EDISCO

ENGLISH FOR INFORMATION AND COMMUNICATIONS TECHNOLOGY

Basic vocabulary: technology devices, ICT.
What is the Digital divide?

MODULE 1

Unit 1.1

Computer science, ICT and digital literacy.
Main fields of computing.

Unit 1.2

The binary system and units of measure. Analogue vs. digital.
The history and evolution of computers. Present-day computers and their future evolution.
Types of computers: Large computers, smaller computers, mobile technology, wearable, handheld and embedded computers.

MODULE 2

Unit 2.1

The electronics of computers: Integrated circuits, Transistors and microprocessors,
Transmission media.

Unit 2.2

Hardware and software.
The CPU and the machine cycle.
Computer memory and storage devices.

Unit 2.3

The peripherals of computers.

GENERAL ENGLISH

Ripasso delle strutture grammaticali e delle funzionalità comunicative della lingua inglese.
Revision: Sentence structure, openers and linkers, regular and irregular plurals, prefixes and suffixes, word partners (collocations), adjectives with prepositions, giving opinions, agreeing and disagreeing, as long as / as soon as.
Vocabulary: crime and punishment; taking risks.
Reading, use of English, listening and writing practice (B1-B1+).
Visione di alcuni episodi di serie in lingua originale: "Top boy"; "Suits".
Gamification: giochi interattivi didattici individuali e a squadre.

CULTURE AND CIVICS

"Frankenstein" Miniseries (2004) - directed by Kevin Connor

The birth of "Frankenstein" by Mary Shelley.

Music genres

Politics and social life in the UK and USA.

Civics: US, UK and Italian political systems. The U.S. Presidential Election Process.

Orientamento: Sustainability Glossary: AI, Automation, Robotics and Green Technology.