



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

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

4 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

MODULE 3

Unit 3.1

Computer languages: high-level and low-level languages. Computer languages generations.

Unit 3.2

Computer programming: the C family, HTML, Java, Python.

Building a program

Unit 3.3

Operating Systems for computers and mobile devices.

Main User interfaces

Other User interfaces

MODULE 4

Unit 4.1

Main software: Word processors, spreadsheets, presentations. Databases and database applications.

Unit 4.2

Graphics software: Painting and drawing software, Photo-editing software, Desktop

Publishing software.

GENERAL ENGLISH

Ripasso delle strutture grammaticali e delle funzionalità comunicative della lingua inglese.

Revision: Sentence structure and patterns, openers and linkers, verb tenses (present simple, continuous and perfect); the passive voice, conditionals (zero, first, second, third), common idioms in English.

Vocabulary: politics, newspapers headlines, videogames and consoles, laws, prison life.

Reading, use of English, listening and writing practice (B1-B1+).

Visione di alcune scene della serie "Peaky blinders" in lingua originale.

Gamification: giochi interattivi didattici individuali e a squadre.

CULTURE AND CIVICS

Viewing of the film "Route Irish" by Ken Loach (2010) in English with Italian subtitles.

Viewing of the film "The imitation game" by Morten Tyldum (2014) in English with English subtitles.

The life and legacy of Alan Turing.

The genesis of the novel "Frankenstein" by Mary Shelley.

Politics and social life in the UK and USA.

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

Orientamento: Robotics and AI: An English Language Exploration. Linguistic and ethical implications, future scenarios. Creation of technology neologisms based on AI and robotics and their possible applications in solving real-life problems.