



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

C. M. CATD020007 – C.F. 81003250925

e-mail: catd020007@istruzione.it – pec: catd020007@pec.istruzione.it – sito: <http://istitutoangioi.edupa.it>

Sede: Via Costituente, 59 - 09013 CARBONIA(SU) – Tel. 0781-660406

PROGRAMMA SVOLTO

ANNO SCOLASTICO

2024 / 2025

DISCIPLINA

LINGUA E CULTURA INGLESE

DOCENTE

MONICA VALENTINI

CLASSE

5 A

CORSO INFORMATICA E TELECOMUNICAZIONI

TESTO ADOTTATO

*ARDU D. / BELLINO M.G. / DI GIORGIO G. - **BIT BY BIT** - VOL. U – EDISCO*

ENGLISH FOR INFORMATION AND COMMUNICATIONS TECHNOLOGY

Module 5 – Unit 13 (Bit by Bit) – Communication networks:

- Telecommunications
- Types of telecommunication systems. The history of telecommunications.
- Methods of data transmission: Point to point and Network transmission.
- Networks_ Types of networks and Network topologies

Module 5 – Unit 14 (Bit by Bit) – The Internet:

- The history of the Internet
- Internet connection and services
- The world wide web, websites and web browsers
- Search engines and web search, Wikis, Email, Cloud computing

Module 5 – Unit 15 (Bit by Bit) – Sharing online:

- Social networks
- Blogs, online forums, Audio, video and image sharing, Smart TV and Streaming, VoIP and Videoconferencing, Instant messaging and microblogging, Apps and widgets

Module 6 – Units 16-17 (Bit by Bit) – Computer threats and protection:

- Major computer threats: malware, adware and spam, bugs, viruses, worms, ransomware, fileless malware, spyware, phishing, Trojans. Network and mobile threats.
- Case study: The Wannacry attack
- Computer and network security: criptography, firewalls, antivirus software, best practices to protect data and computer system, safe data storage, network security components, secure servers, copyright and copyleft, electronic payments, digital currency.

GRAMMAR REVISION

Ripasso delle principali funzioni linguistiche e delle strutture grammaticali di base.

General and specific vocabulary in context. • Revision of verb tenses • Prepositional verbs • Relative clauses • Comparatives and superlatives • Sentence structure and linkers • The passive voice and causative form • Conditional sentences • Modal verbs

Reading and listening comprehension.

Use of English: word formation and key word transformation.

Speaking and writing practice.

CULTURE AND CIVICS

The impact of smartphones on social communication. The role of social media in our society.

Bullying and cyberbullying

Job search: Cover letters, Europass CV

Professional emails

Carbonia, li 10 giugno 2025

La docente: **Monica Valentini**