



ISTITUTO DI ISTRUZIONE SUPERIORE

"Michelangelo Buonarroti"

Sede Associata: Via Svezia 10 09038 Serramanna (SU)

Programma di Lingua Inglese

A.S. 2022/2023

CLASSE : 3Q - Informatica e Telecomunicazioni - art. Informatica

DOCENTE: Prof.ssa Daniela Urpi

LIBRI DI TESTO UTILIZZATI: M. Ravecca, *Information technology - Skills and competences*, Minerva; J. Hird, *Grammar and vocabulary for the real world*, Oxford; testi e materiali forniti dall'insegnante.

CONTENUTI

Section 1 - Grammar

Revision: prepositions of time; time expressions; *yes/no* questions, *Wh-* questions; modal verbs *can, may, might* (talking about probability); plural forms; articles. Past perfect; simple past. Reflexive pronouns; possessive adjectives and pronouns. Relative pronouns and clauses.

Skills: using a dictionary; understanding idioms; reading (skimming, scanning, reading for details); organizing vocabulary (mind maps) and recording new words; chunking; summarizing a text; pronunciation and phonemic chart.

Section 2 - Culture

- Geography of U.K.
- Who are the British?
- British form of Government and Institutions
- London
- A "famous" Londoner: Jack the Ripper

UDA condivisa (Inglese/ Italiano)

- *The Canterbury tales* by Geoffrey Chaucer:
Structure , main features, characters; Video: *The Merchant's tale*

Section 3 - Computer Science

Libro di testo : M. Ravecca, Information technology - Skills and competences, Minerva Scuola

Unit 1 - A smart world

- The internet of Things
- Smart cities: the future is around the corner
- Review of IoT products
- Generation Z rising
- Grammar/vocabulary: singular and plural nouns; nouns for people and things;
- Definitions of Data, Information, GIGO.
- Hardware and software

Unit 2 - Different types of computer

- A matter of scale: workstation, mainframes, supercomputers.
- Small, smaller, the smallest
- The touchscreen revolution

Unit 3 - Computer issues

- The dark side of the internet (hackers, crackers, spammers, phishers, cyber-squatters)
- What is the dark web?
- the anatomy of a phishing scam
- fake news
- A guide to healthy computing

UDA condivisa (Inglese/Informatica)

Reality task: Writing a handbook/glossary about "C" programming language

Educazione civica/active citizenship (3 ore)

The battle to save the planet: Global warming and environmental issues; Fridays for Future movement Greenpeace, Extinction Rebellion, Last Generation.