



## ISTITUTO DI ISTRUZIONE SUPERIORE

*"Michelangelo Buonarroti"*

Sede Associata: Via Svezia 10 09038 Serramanna (SU)

### Programma di Lingua Inglese

**A.S. 2023/2024**

**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.

#### **Section 1 - Grammar**

Revision: prepositions of time; time expressions; yes/no questions, Wh- questions.

Modal verbs *can, be able to, may, might*; talking about the past and the future; past perfect; relative pronouns and clauses (defining, non defining, reduced).

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

#### **Section 2 - Culture**

Geography of U.K.

Who are the British?

British form of Government

British institutions: the monarch, the parliament, the Church of England

London's attractions

A "famous" Londoner: Jack the ripper

Charles Dickens: A Christmas Carol (movie)

Reading: "Frankenstein" by Mary Shelley: themes and features of the novel

#### **UDA condivisa (Inglese/ Italiano)**

*The Canterbury tales* by Geoffrey Chaucer: structure, main features, characters;

Watching activities: the merchant's tale, the wife of Bath's tale, the knight's tale

#### **Section 3 - Computer Science**

## **Unit 0 - The computer system**

What is a computer?  
Von Neumann-type computer  
Hardware and software  
Input/output devices  
analog vs digital  
Bits and bytes  
Definitions of Data, Information  
GIGO

## **Unit 1 - A smart world**

The internet of Things  
Review of IoT products  
Generation Z rising

## **Unit 2 - Different types of computer**

A matter of scale: workstation, mainframes, supercomputers.  
Small, smaller, the smallest  
The touchscreen revolution  
grammar/vocabulary: comparisons and contrasts

## **Unit 3 - Computer issues**

The dark side of the internet  
the anatomy of a phishing scam  
fake news  
A guide to healthy computing  
grammar/vocabulary: the passive; new words in technology

## **UDA condivisa (Inglese/Informatica)**

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

## **Active citizenship**

The battle to save the planet: Global warming and environmental issues; video "Man" by Steve Cutts. Environmental activism: Greenpeace, Extinction Rebellion, Fridays for Future movement, Last Generation.

Serramanna, 01/06/2024

La Docente  
*Daniela Urpi*

Gli studenti .....