

I.I.S. “Michelangelo Buonarroti” Guspini
Programma svolto
Lingua inglese
A.s. 2022/2023

Docente: Alice Vagnozzi

Classe: **3^ B INDIRIZZO INFORMATICA E TELECOMUNICAZIONI**

TESTO ADOTTATO: INFORMATION TECHNOLOGY, skills and competences
1ED. (LD), M. Ravecca, Mondatori Education.

Section 1 - The 21st Century IT Revolution

Unit 1 - A Smart world

- The Internet of Things
- Reviews of IoT products
- Generation Z rising

Unit 2 - Different types of computer

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

Unit 3 - Computer issues

- The dark side of the Internet
- The anatomy of a phishing scan
- Fake news

Section 2 Computer hardware

Unit 4 - The “brain” of the computer

- The first of the bricks that built the IT world
- Getting close to the limit
- Circuit boards
- What are multi-core processors?

Unit 5 - Storage

- Flash Memory: a new generation of flash storage devices
- Bringing your files with you
- Flash memory cards: what you need to know
- SSD: the new generation of personal computer storage
- Your data is in the “cloud”!

Unit 6 Input & Output

- Is it time to say “Good-bye, keyboard”?
- Voice recognition
- These mice aren’t blind
- Laser force
- OLED technology will illuminate the future

Da **NEW TOTALLY CONNECTED 2ED. (LD), C. Matassi, M. Menchetti, CLITT**

Module 2: Boot-up process

- Von Neumann- Type computer

Module 4 The brain of every computer

The processing Unit:

- How a computer wakes up
- The central processing Unit
- How the CPU executes program instructions

Storage

- Primary Memory

Grammar: Present simple - Present continuous - Futures: present simple, present continuous, to be going to, will, Comparatives and superlatives, Interrogative form, Past simple, Past Continuous, Compound nouns, Present Perfect simple, present perfect continuous, Passive voice.

Educazione civica: Cittadinanza digitale

- Fake news

Guspini 05/06/2023

Gli studenti

La docente
Prof.ssa Alice Vagnozzi