

PROGRAMMA SVOLTO

ISTITUTO : ISTITUTO DI ISTRUZIONE SECONDARIA "GALILEI - ARTIGLIO"

INDIRIZZO : ISTITUTO TECNICO ARTICOLAZIONE: SETTORE TECNOLOGICO

OPZIONE : INFORMATICA

CLASSE: 4BT A.S. 2022/2023

DISCIPLINA: Lingua Inglese

DOCENTE: Lagalla Gioia

ORE SETTIMANALI : 3

PRIMO TRIMESTRE

MODULO 0: Ripasso regole grammaticali, in particolare i tempi verbali:

- present simple,
- present continuous,
- past simple,
- past continuous,
- present perfect,
- past perfect,
- futuro con will,
- be going to,
- periodi ipotetici.

Studio delle nuove forme:

- discorso indiretto
- forme passive

SECONDO PENTAMESTRE

Libro di testo: Cristina Oddone; "Clickable" (english for specific purposes: IT and telecommunications); editrice San Marco.

MODULO 1 TECHNOLOGY BASICS

FLIP IT Computer Science and Information Technology

HOTSPOT Clearing the ground for terminology

- TECHNOLOGY AND SOCIETY

Technological development – Innovations in our daily life

- THE BINARY SYSTEM

Binary versus decimal code – Bits and bytes – The hexadecimal code

- ANALOG VERSUS DIGITAL

Analog devices in the past – How digital technology works – The shift towards the digital world

- HARDWARE AND SOFTWARE

- DIGITAL LITERACY

Reliability of information

MODULO 2 HARDWARE AND SOFTWARE

FLIP it Hardware: the physical components

HOTSPOT Categorizing peripherals

- THE BRAIN OF A PC: THE CPU

CPU structure

- COMPUTER MEMORY

Random Access Memory – Read Only Memory

- INPUT VS. OUTPUT DEVICES

Keyboard – Mouse – Monitors

- PRINTERS

Non-impact printers

- OTHER OUTPUT DEVICES

INCLUSIVE TECHNOLOGY Chester Carlson, when determination and hard work pay off

- STORAGE DEVICES Hard disk drive – USB drive

TECH IN ENTERTAINMENT Transcendence: is artificial intelligence a threat for humanity?

MODULO 3 THE COMPUTER WORD

FLIP it Computer classification and development

HOTSPOT Reading numbers

- SUPERCOMPUTERS

The evolution of supercomputers – Applications of supercomputers

- MAINFRAMES

Features of mainframes – How they are used

- SERVERS AND WORKSTATIONS

- MICROCOMPUTERS

Development of microcomputers – Desktop computers models

- PORTABLE COMPUTERS

Laptops – Ultrabooks, Chromebooks and netbooks

- TABLETS AND SMARTPHONES

- WEARABLE GADGETS

MODULO 4: “The Social Dilemma” documentary argomento di educazione civica .

Durante le 4 ore di educazione civica i ragazzi hanno approfondito l'importanza della consapevolezza nell'utilizzo dei social e delle trappole e i rischi che nascondono. Attraverso il suddetto documentario, guardato in inglese, terminato con test finale hanno potuto ampliare al contempo la conoscenza del lessico relativo a tali tematiche.

ENGLISH LANGUAGE

ALTRI LIBRI: Libro “ Verso le prove invalsi, Inglese. Giovanna DA VILLA, Chiara SBARBADA, Claire MOORE. Eli publishing.

During the whole year one lesson a week was dedicated to the study of the English language at a B2 Level toward the INVALSI test and a B2 certification. The lessons include:

- Listening practice**
- Reading comprehension practice**
- Use of language grammar practice**
- Oral tasks**
- Writing tasks.**

Viareggio, 10 Giugno 2023

Docente

**Gioia
Lagalla**

