



# **ISTITUTO DI ISTRUZIONE SUPERIORE**

## ***"Michelangelo Buonarroti"***

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*Programma svolto di Lingua e cultura inglese*

**Docente Prof.ssa Alessandra Puddu**  
**Classe V sez. A**  
**indirizzo Informatica e telecomunicazioni**  
**Articolazione Informatica**

A.S. 2022 /2023

**Libro di testo:**

Menchetti M., Matassi C., *New Totally Connected*, CLITT, 2014

**Programma svolto**Grammar: Revision and reinforcing Unit

Future tenses:     Future simple

                         Present simple and present continuous for future

                         Be going to / be about to

                         Was / were going to

                         Future continuous

                         Future perfect

Passive voice       Present simple

                         Present continuous

                         Past simple

Defining and non-defining relative clauses

Hints about zero and first conditionals (cenni in relazione ai future tenses)

Module 8 – A world of Apps – Java: a bright star

A world of Apps

    Platforms

    Instagram

Java: a software system for online multimedia

    What is Java?

    Definition of "script"

    JavaScript

Java Programming Language

    The Java Language

    Java platform

Module 9 – It's a wired world

Understanding networks

    LANs, MANs, WANs, SANs, PANs, VPNs

Networking devices

    End-user devices and network devices

Types of connections – Wire and wireless media

Wire media

Wireless media

Properties of transmission

Modems

Simplex and duplex transmission

Synchronous and asynchronous transmission

Module 11 – Graphics - cenni e lavori individuali (suddivisione del modulo in paragrafi da esporre singolarmente davanti ai compagni)

Graphics technique and graphic software

Visual media: manipulating images

Manipulating existing images, creating images, morphing and digital mapping

Special software

DTP, Presentation software and CAD

Security and cryptography (materiale fornito dalla docente)

Alan Turing: the Turing Machine and Enigma

Vision of the movie *The imitation game*

Cryptography

The dark side of the internet

The anatomy of a phishing scan

Fake news

Module 12 – Finding the right career path (cenni)

IT in our lives (yesterday and nowadays)

Career opportunities for iT specialists

Invalsi practices

Reading, Listening and understanding activities

Guspini, 06/06/2023

La Docente

Prof.ssa Alessandra Puddu

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Gli alunni

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