



# ISTITUTO DI ISTRUZIONE SUPERIORE

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## PROGRAMMA di LINGUA INGLESE

### CLASSE V B

#### INDIRIZZO INFORMATICA E TELECOMUNICAZIONI

Anno Scolastico 2023/2024

LIBRO DI TESTO: **NEW TOTALLY CONNECTED 2ED. (LD), C. Matassi, M. Menchetti, CLITT**

Docente: Silvia Nonnis

**Da New Totally Connected e materiale integrativo fornito dalla docente**

#### **Module 8**

- Computer security - Cryptography
- Encryption
- The dark side of the Internet
- Deep Web and Dark Web
- Bitcoin and cryptocurrency
- The anatomy of a phishing scam
- Fake news

#### **Module 9 - It's a wired world**

- Understanding networks
- Types of networks
- Networking devices
- Types of connections - Wire and Wireless media
- Network topologies
- Types and method of transmission

#### **Module 10 - OSI and TCP/IP models**

- Bandwidth
- The OSI and the TCP/IP models
- How the ISO created the OSI
- The OSI layers
- Peer-to-Peer Communication

## **Module 11 - Graphics**

- Graphics technique and graphics software
- Visual media: manipulating images
- Special software

## **Module 12 - Finding the right career path**

- IT in our lives
- Career opportunities for IT specialists

## **Da Information technology**

### **Section 6 - Exam Preparation**

- The school-work experience
- Job advertisements
- What goes into a CV?
- Getting ready for an interview

## **Culture**

- Black Friday (origin, meaning, consumerism and overconsumption)
- Cryptography and encryption in the Second World War
- Alan Turing's life and its implications.
- Film "The Imitation Game".

## **Grammar:**

- Tense revision
- Past simple and past participle
- Present perfect
- Relative clauses
- Passive form
- Conditionals

**Educazione Civica:** Goal 5 SDG 2030 Agenda. Infographics: Women in IT. Female pioneers in computer science and STEM;

Guspini 04/06/2024

Gli studenti

La docente  
Silvia Nonnis