

## PROGRAMMA DI INGLESE

Docente: prof. Ferdinando Montesoro

**Dal Libro di testo:** Perspectives: Build up to Pre-Intermediate, Sarah Jane Lewis, Ed. ELI

### Grammar topics revised and studied

- Indefinite pronouns: some, any, no, none
- Conditionals type 0 & 1<sup>st</sup>
- Comparatives and Superlatives;
- Present simple and present continuous;
- State preposition; Possessive (adjectives and pronouns);
- Past simple and past continuous.
- Present Perfect; Present perfect with ever and never;
- Present perfect with just / already / yet; been vs gone.
- Present Perfect with for and since; How long ...?
- Present perfect vs Past Simple.
- Conditionals type 2<sup>nd</sup> & 3<sup>rd</sup>
- Past Perfect with ever and never /just / already / yet; for and since; How long..?

Dal Testo: **Clickable** - English for specific purposes; - Ed. San Marco

### STEP 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
- **Inclusive technology** - Grace Hopper: the pioneer of computing
- **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
- **Tech in entertainment** - The Big Bang Theory and the potential of nerds

### STEP 2 - Computer hardware and peripherals

- **Flip it** - Hardware: the physical components
- **The brain of a PC: the CPU** - CPU structure
- **Computer memory** - Random Access Memory - Read Only Memory
- **Hotspot** - Categorizing peripherals
- **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?

### STEP 3 - The Computer World

- **Flip it** Computer classification and development
- **Supercomputers** - The evolution of supercomputers - Applications of supercomputers
- **Hotspot** Reading numbers
- **Mainframes** - Features of mainframes - How they are used Summary
- **Servers and workstations** **Microcomputers** - Development of microcomputers - Desktop computers models
- **Portable computers** - Laptops - Ultrabooks, Chromebooks and netbooks
- **Tablets and smartphones** **Wearable gadgets**
- **Inclusive technology** - Steve Jobs' legacy: the power of inspiration
- **Tech in entertainment** Iron Man, the sarcastic superhero

#### STEP 4 – Programming languages and operating systems

- **Operating systems - Microsoft Windows – Mac OS**
- **Open-source systems - Linux**

#### STEP 5 - Application Software

- **Flip it – Whatsap: A popular messaging application**
- **Word processors - Pages**
- **Hotspot - Commands and features of word processors**
- **Office productivity software - Apache OpenOffice – Google Docs**
- **Cloud storage - Drive – iCloud**
- **Spreadsheet applications - Some popular spreadsheet programs**
- **Presentations**
- **Databases**
- **Apps**

#### Other activities and resources

##### Readings:

- **The world of Parkour**
- **Robocup**

##### Audio – Video: TEDTalks

- Reshma Saujani: **“Teach girls bravery, not perfection”**
- Knut Haanaes: **“Two reasons companies fail and how to avoid them”**

#### Educazione Civica

- Lettura e analisi di articoli in lingua inglese riguardanti il problema del “Lavoro Minorile” e le conseguenze sociali, culturali ed economiche che ne derivano.

Al termine del corso gli studenti hanno risposto a domande su un testo e prodotto una breve riflessione sulle tematiche affrontate

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Prof. Ferdinando Montesorio

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Gli studenti

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