

**I.I.S. "M. BUONARROTI", GUSPINI - SERRAMANNA**  
**Programma svolto per la classe 5<sup>°</sup>A Informatica e Telecomunicazioni**  
**A.S. 2015/2016**

**Materia: Lingua e Civiltà Inglese**  
**Docente: Francesco Carboni**

**Contenuti**

Sono stati affrontati i seguenti argomenti secondo i testi in adozione:

C.Rizzardi L. Chiara, L.G. Chiolero- *Exploring computers technology* - Ed.Bulgarini

Pallini Lelio Raymond Murphy - *Essential Grammar in Use* - Cambridge

**INFORMATION TECHNOLOGY:**

**Modulo 1 Computer today**

The dawn of the computer era

The Computer system: *basics, inside the box.*

Categories of computers: *Supercomputers, midrange computers, Personal computers, Portable computers, handheld computers.*

**Modulo 2 Computer hardware**

Computer hardware

Input devices: *The keyboard and the mouse.*

Output devices: *Printers and monitors.*

**Modulo 3 Computer and data communication**

Digital and analog information

The binary system

From Machine language to High-Level languages

Flowcharting

**Modulo 4 Data storage**

Storage: Fundamentals;

Hard disk drive

Optical storage

Flash memory

**Language work and Grammar**

Difference between ordinary, auxiliary and modal verbs; Talking about the past: Past simple - to be and can; Past simple affirmative (regular and irregular verbs); Past simple (negative and questions) How to write a summary; Present Perfect (all forms); Present Perfect Continuous; Past continuous; Past Perfect; Using suitable typical classifying expressions; Defining relative clauses; Countable and uncountable nouns; Quantifiers; Comparatives and Superlatives; Connectors; Future; Prepositions; Must, mustn't, have to, don't have to; First conditional; Second conditional; Third conditional; The Email; Covering letter; Job application; Curriculum Vitae.

**Culture context:** The EU at a glance; The main EU institutions; UK Geography: Physical features; UK Politics: The constitutional monarchy – Parliament – government – political parties.

**Vocabulary:**

Basic computer terms, Basic hardware and software terminology: Processor chip, control unit, arithmetic logic unit, etc. Units of memory: KB, MB, GB, etc.; Input/Output devices; Types of magnetic storage, technical details of magnetic storage; Types of optical storage, technical details of optical storage; Types of flash drive, technical details of flash memory.

**Skills:** (listening, speaking and writing): How to make a summary; Discussing what computers do; Describing your ideal computer system; Describing input/output devices; Discussing how to protect your data; Choosing storage devices; Describing flash drives; Describing the function of an operating system; Applying for a job: Writing an Email, a covering letter and a Curriculum vitae.

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IL DOCENTE

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