**ISTITUTO D’ISTRUZIONE SUPERIORE “LUIGI EINAUDI”**

**Via Pietro Ferrero,20**

**12051 Alba (CN) – a.s. 2022/2023**

**Classe 5^L DISCIPLINA: LINGUA INGLESE**

**PROGETTAZIONE DIDATTICA ANNUALE**

**Docente: Prof.ssa Carlotta Canonica**

**Libro di testo:**

**WORKING WITH NEW TECHNOLOGY -** Information Technology and Telecommunications

**UNIT 11 - COMPUTER HARDWARE**

* Types of computer
* The computer system
* Input- output devices
* Computer storage
* Upgrading hardware
* The future of computer

### **UNIT 12 - COMPUTER SOFTWARE AND PROGRAMMING**

* System software
* An introduction to programming
* Computer languages
* Programming language most in demand
* The language of programming
* How the Windows OS works
* Cloud computing

### **UNIT 13 - APPLICATIONS**

* Where computers are used
* Types of application
* The spreadsheet
* Charts and graphs
* The database
* Database management system
* Computer graphics
* Computer-aided design (CAD)
* Computer games

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### **UNIT 14 - COMPUTER NETWORKS AND THE INTERNET**

* Linking computers
* How the Internet began
* Internet services
* How the internet works
* Web addresses
* Internet protocols: OSI & TCP / IP models
* Connecting to the net
* Setting a wi-fi network

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### **UNIT 15 - THE WORLD WIDE WEB**

* Web apps
* Web software
* The web today
* How to build a website
* E-commerce
* The web and the mass media
* Techno revolution in TV and cinema
* Web accessibility
* The future of the web

### **UNIT 16 - INDUSTRY 4.0 AND THE FUTURE**

* The Fourth industrial revolution
* Foundation of Industry 4.0
* 3D printing
* Li-Fi
* Lasers and how lasers are used
* Google’s self-driving car
* Drone delivery
* A landmark for artificial intelligence
* Will technology make humans redundant?

Alba, 05/06/2023

Prof.ssa Canonica Carlotta