

POLO SCIENTIFICO-TECNICO-PROFESSIONALE  
"E.FERMI-G.GIORGI"

Anno Scolastico: 2018-2019 CLASSE V SEZ. AIF

INDIRIZZO: INFORMATICA E TELECOMUNICAZIONI

ARTICOLAZIONE "Informatica"

PROGRAMMA DI LINGUA STRANIERA – INGLESE

Testi	Lingua: <b>Cult B2 Exams</b> - DeaScuola <b>Activating Grammar</b> – Pearson Longman
	Microlingua : <b>New Totally Connected</b> –Zanichelli
	Altro: <b>Fotocopie e siti con materiale didattico</b>

MODULO	CONTENUTI
<b>LABORATORY:</b> <b>FILMS and VIDEOS</b>	<b>Technology</b> ✓Film "The Social Network" (David Fisher 2010) ✓TEDtalk: Ideas worth spreading: Can a computer write poetry?" Oscar Schwarz- January 2016 <b>Literature:</b> ✓ The Roaring Twenties. Film: "The Great Gatsby" <b>Environment:</b> ✓TEDtalk-Smart cities: "A small vacuum cleaner and other magical city designs" Daan Roosegarde- September 2017 <b>Health and Lifestyle:</b> <b>BLSD Course: Basic Life Support and Defibrillation</b> ✓TEDtalk: "A digital device to detect silent heart attacks" Akash Manoj- November 2018 ✓TEDtalk/TEDMed: "Your genes are not your fate" Dr Dean Ornish April 2014

## INFORMATION TECHNOLOGY

From “ ***New Totally Connected***”:

### 🖥️ Module 1- Computer Basics:

- Definition of ‘Cloud’: Email and Cloud computing to share information; advantages and disadvantages
- Types of computers

### 🖥️ Module 2: Boot-up process

- Components of the keyboard
- Input devices
- Output devices (VDU, Printers)

### 🖥️ Modules 3-4: Internet

- Downloading software
- Search engine, spider, query, keywords  
For searching information
- E-commerce, Internet resources
- The CPU; Primary memory(RAM); Flash Memory(ROM)
- Facebook fb users –Fb Data breach
- Optical disk technology; CD-ROM Drivers
- Hardware and software

### 🖥️ Module 5-Operating Systems:

- Main functions
- Types of Operating Systems: Android and iOS. Pros and cons of integrated packages
- Database and Database Managers

### 🖥️ Module 6- Languages:

- The fourth generation: non procedural Languages (4GLS)
- HTML 5

### 🖥️ Module 7- Program development:

- XP- extreme Programming

### 🖥️ Module 8- A world of Apps-Java:

- Java script
- Java language
- Java platform

### 🖥️ Module 9- Networks:

- What is a network?
- Types of network (LAN-Intranet; VPN)

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<b>WORKING WORLD</b>	<ul style="list-style-type: none"> <li>→ European Curriculum Vitae</li> <li>→ How to prepare an effective CV</li> <li>→ Sample Cover Letter for IT position</li> <li>→ Preparing the Job interview</li> </ul>
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<b>SPEAKING and LISTENING SKILLS</b>	<p>From <b>Cult B2</b>:</p> <ul style="list-style-type: none"> <li>•<b>Unit 8:</b>  <u>Listening</u> :Dishes from around the world; How to become fitter in less than 5 weeks</li> <li>•<b>Unit 9:</b>  <u>Functions</u>: Talking about consequences  <u>Grammar</u>: Mixed Conditionals; <i>I wish/If only</i>;  Should have +past participle  <u>Vocabulary</u>: War, nations and politics</li> <li>•<b>Unit 10:</b>  <u>Functions</u>: Discussing plans  <u>Grammar</u>: Reported speech: statements, commands and requests, <i>Have/get + something done</i>  <u>Vocabulary</u>: The environment; Reporting verbs; Word and sentence transformation</li> </ul>
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**Docente:** Luciana Fontana