



ISTITUTO DI ISTRUZIONE SUPERIORE  
**"Buonarroti – Volta"**

PROGRAMMA SVOLTO a.s. 2025/2026

LINGUA INGLESE

Docente: Laura Corona

Classe: 5B Informatica e Telecomunicazioni

Libro di testo: Ravecca M., *Information Technology-Skills and competences*, vol. unico, Minerva Scuola.

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| <p><b>UNIT 9 Software applications</b></p> <ul style="list-style-type: none"><li>• What's application software?</li><li>• Word processing</li><li>• An intro to the database</li></ul> <p>Material provided by the teacher: PPT presentation</p> <ul style="list-style-type: none"><li>• <b>Pioneers of computing The origins of Informatics</b></li><li>• Foundations of Computer Science -<br/>Charles Babbage<br/>Ada Lovelace<br/>Alan Turing<br/>Konrad Zuse</li><li>• Foundational thinkers - John Von Neumann<br/>Norbert Wiener</li><li>• Software innovators - Donald Knuth<br/>Tim Berners-Lee<br/>Dennis Richie</li><li>• Visionary entrepreneurs- Bill Gates<br/>Steve Jobs<br/>Mark Zuckerberg<br/>Elon Musk</li></ul> | <p><b>UNIT 10 Networking</b></p> <ul style="list-style-type: none"><li>• Types of area networks (LAN, MAN, WAN, PAN, VPN)</li><li>• Network topologies (Bus, Ring, Star, Tree)<ul style="list-style-type: none"><li>• Network standards and protocols</li></ul></li></ul> <p>Material provided by the teacher: PPT presentation</p> <ul style="list-style-type: none"><li>• Network standards and protocols</li><li>• What is a protocol stack</li><li>• The OSI model</li><li>• How TCP/IP model works</li></ul> <p><b>UNIT 11 Getting connected</b></p> <ul style="list-style-type: none"><li>• Digital telephone connections<br/>ADSL</li><li>• Optical fibre, the way of the future</li></ul> <p><b>UNIT 12 Getting connected</b></p> <ul style="list-style-type: none"><li>• Information at your fingertips<br/>Browser, searching; indexes, search engines, spiders, URL</li><li>• Google</li></ul> <p><b>UNIT 13 Communicating on the Net</b></p> <ul style="list-style-type: none"><li>• You've got email<ul style="list-style-type: none"><li>• How important is Email? How it works</li></ul></li><li>• SPAM email<br/>Email</li></ul> <p><b>Educazione Civica</b></p> <ul style="list-style-type: none"><li>• <b>"The Great Pacific Garbage Patch"</b></li></ul> |
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La docente

Gli studenti