TESTO IN ADOZIONE: Mirella Ravecca, ENGLISH TOOLS for Information Technology and Telecommunication, Minerva Scuola

ARGOMENTI:

Argomenti svolti:

UNIT 1 - Information Society:
- Technological Devices: It' a smart world;
- New Media World: Born to Be Wired (Part one and two).

UNIT 2 - Computers get smaller and smaller:
- The Evolution in Computer Technology
  - The Evolution of Computers: Desktop, Laptop, Tablets;
- PC tablets and the touchscreen revolution.

UNIT 3 - Computer Issues:
- Ergonomics: User, heal Thyself!
- Cyber Crime: The digital Wild West;
- Computer security threats: What does a phishing email message look like?

UNIT 4 - The "Brain" of the Computer:
- The Microprocessor: The first of the bricks that built the IT world;
- Moore's Law;
- How Circuit Boards Work.

UNIT 5 - Storage:
- The "Cloud": Storing data in the "cloud".

UNIT 10 - Connecting to the Net:
- Networks: How networks are laid out (Part 1 and 2);
- The Ethernet: How an Ethernet works;
- Standards and Protocols: Network talk together: Standard and Protocols;
- Internet Protocols;
- The Internet

UNIT 11 - Getting connected:
- Always on Connections: Digital Telephone Connections.

UNIT 12 - Using The Web
- Finding and sharing Information:
  - Information at your Fingertips;
  - Google

UNIT 15 - Shopping and Business Online
- Business on the Net: Cloud computing

CLIL Expansion:
CLIL 1:   The History of Computing: Information needs before computers; The March of Technology;
CLIL 2:   DNA Computing : A Successor to Silicon; Computers made from DNA and Enzymes; Big leap forward for computing.