

PROGRAMMA DI LINGUA E CIVILTÀ' INGLESE - CLASSE VAe

Classe 5 sez. Ae

anno scolastico 2014/2015

Prof.ssa. Vincenza Leone

Testi in uso:

- Piccioli *Make Contact, English for Electricity, Electronics and Telecommunication Technology*, San Marco.
- Dandini, *New Surfing the World*, Zanichelli.

Electronics

- What Electronics is.
- Superconductors.
- Transistors: BJTs, FETs.
- Advantages of Transistors over Thermionic Valves.
- Operational Amplifiers.
- Oscilloscopes: Analogue and Digital.
- Resistors.
- Ammeters, Voltmeters, Ohmmeters.
- Transducers.
- Electronic Circuits.
- Boolean Algebra.
- CD Players.
- The Audio Revolution.
- Electronics and Medical Care.
- Robotics.

Telecommunications

- Introduction to Telecommunications.
- How Radio Was Born.
- How a Radio Works.
- How a Television Works.
- Recent Development in the World of Television.
- Communication Satellites.
- Radars
- Telephones.
- Cell Phones.
- Optical Fibres.

Civilization and Contemporary Life (aspetti storici, geografici, culturali e politici):

- Canada
- Australia
- New Zealand
- South Africa
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Nelle ore di laboratorio linguistico sono stati visti i seguenti film:
Apocalypse Now e Dead Poets Society.