

Programma anno scolastico 2017/2018

Classe: 3DE

Lingua Inglese

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Contents

Electrical Engineering

- The fathers of electricity
- Electrical Power
- The field of electrical engineering

Electrical Circuits

- Voltage and Current
- Electrical Circuits
- Series and Parallel Circuits

Power Sources

- Where does energy come from?
- An example of renewable energy: the power of water
- An example of non-renewable energy: nuclear power

Power system

- Electrical power generation and transmission
- Electrical power distribution
- Other power system components

Electric motors

- Electromagnets and motors
- Hybrid cars
- Flying cars

Electronics

- The electronic field
- The electronic industry
- Components of an electronic circuit

Basic logical functions

- Truth tables
- And/or gates
- Logic and Boolean algebra

Grammar

- The articles a, an, the
- Countable and uncountable nouns
- Comparative and superlative forms
- Possessive case
- Present Simple and Present Continuous
- The future
- Relative Pronouns

Altri materiali aggiuntivi

Si sono usati "realia" e testi tratti da altri libri scolastici per incrementare i contenuti morfo-sintattici, in particolare si sono usati i testi in adozione nel biennio (New Horizon, ed. Oxford).

Per le traduzioni in classe si è usato il dizionario on-line wordreference.com, con particolare attenzione al Collins Italian Dictionary, 1995 (1st edition).

Libro di testo: HOEPLI, *Switch and go*, F. A. Comes, V. Rivano, A. Sinapi, G. De Benedittis

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