



**MINISTERO DELL' ISTRUZIONE E DEL MERITO**

**Ufficio Scolastico Regionale per il Lazio**

**ISTITUTO OMNICOMPRESIVO "LEONARDO DA VINCI" ACQUAPENDENTE**

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**ANNO SCOLASTICO 2024/2025**

**PROGRAMMA DI LINGUA E CIVILTÀ ' INGLESE**

**CLASSE 5AC**

**SCUOLA SECONDARIA DI 2° GRADO -**

**ITT**

**PROF. ssa MONTANUCCI MARIA ROSARIA**

**LIBRI DI TESTO:** B. Franchi, H. Creek, R. Guzzetti – *Chemistry – Skills and Competences – English for Technology* – Minerva Scuola  
L. Kilbey – A. Cornford - *Exam Toolkit for Prova Invalsi (B2-First)* – Cambridge

### CONTENUTI

- Inorganic and Organic Chemistry: Polymers
- Polymerization and the production of plastics
- Biotechnology for the Environment:
  - Energy and the Environment: Energy and environment – Sources of Energy (renewable and non-renewable energy) – Bioenergy: biomass and biofuels
  - Biotechnology and the environment: ecosystems and bioregions – soil and water contamination – bioremediation in contaminated soil – bioaugmentation as a remediation technology – SOS environment: identification of contaminants – Acid rain
- A Greener Future: Agenda 2030
- Careers in chemistry
- Safety: in the lab and in the work environment

Ed.Civica: Circular Economy and the 3Rs: Reduce, Reuse, Recycle.

**INVALSI: Funzione Linguistico-Comunicativa: TEST INVALSI (livello B1/B2)**

Contents: *Education; Health; Environment; Religion; Sport; Language; Town and Cities.*

Acquapendente, 06/06/2025

II DOCENTE

Prof.ssa Maria Rosaria Montanucci