



Istituto Istruzione Superiore "G. Ferraris - F. Brunelleschi"

Via R. Sanzio, 187 – 50053 Empoli (FI) ☎ 0571 81041 – fax 0571 81042

www.ferraris.eu ✉ e-mail FIIS012007@istruzione.it

Codice Fiscale n. 91017160481 Cod Min. FIIS012007 Codice Univoco UF8UAP



PROGRAMMAZIONE FINALE

A.S. 2017/2018
Classe 5 A Indirizzo Chimico
Materia Lingua Inglese **Docente** Lucia Cerri

Contenuti dei moduli e delle unità didattiche

INGLESE GENERICO

Libro di Testo usato: Paul Radley, *Network 2 Student's Book and Workbook*, Oxford, 2013.

Units 10-14. Ripasso elementi di morfo-sintassi, verb tenses, wish, if-clauses, passive form, reported speech.

INGLESE TECNICO

Libro di Testo usato: Paola Briano, *New A Matter of Life. English for Chemistry, Microbiology and Biotechnology*, Edisco, 2013.

Lettura, comprensione, traduzione, relazione orale, domande con risposte singole, reimpiego del lessico specifico e delle strutture morfo-sintattiche presenti nelle letture.

MODULE 3: Organic chemistry and biochemistry

Unit 2: Biochemistry: the chemistry of the living world

- A Carbohydrates, pp.84-86
- B Proteins, pp.87-89
- C Lipids, pp.90-91
- D Nucleic acids, pp.92-93

MODULE 4: Microbes and microbial biotechnology

Unit 1: The world of microbes

- A Microbes: the factory of everything, pp.106-107
- B Prokaryotes vs. Eukaryotes, pp.108-109
- C Bacteria & Co., pp.111-112
- D Growth requirements for micro-organisms, p.114-115

Unit 2: The benefits and uses of microbes

- A Microbial biotechnology, p.116
- B The colours of biotechnology, pp.118-119
- C Microbes: building block for biotechnology, pp.121-122

MODULE 6: What's on the table

Unit 4: Not for teetotallers

A How wine is made, pp.208-210

MATERIALI PER INTEGRAZIONE ED APPROFONDIMENTO:

- *The story of Penicillin*, video-clip in lingua originale e script.

ENGLISH CULTURE

Libro di testo usato: M. Spiazzi, M. Tavella, M. Layton, *Compact Performer*, Zanichelli, 2015.

Specification 4: Revolutions and the Romantic Spirit

- An age of revolutions, pp.96-97
- Industrial society, p.98
- The American War of Independence, pp.102-103
- The Gothic novel, p.106
- Mary Shelley and a new interest in science, p.107
- The Napoleonic Wars, p.124

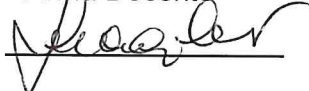
Specification 5: A Two-Faced Reality

- The first half of Queen Victoria's reign, pp.148-149
- Life in the Victorian town, p.150
- The Victorian novel, p.155
- Robert Louis Stevenson: Victorian hypocrisy and the double in literature, p.178
- Oscar Wilde: the brilliant artist and Aesthete, p.185
- The Picture of Dorian Gray and the theme of beauty, p.186

Empoli, 15/05/2018

Prof.ssa L. Cerri

Firma Docente



5 A CH

Firma Allievi

