

**ISTITUTO DI ISTRUZIONE SUPERIORE "CIGNA - BARUFFI - GARELLI" MONDOVI**  
**Anno Scolastico 2025/2026**  
**PROGRAMMA SVOLTO**

Disciplina: Inglese

Docente: Prof. Fabrizio Fontana

Classe: 5<sup>a</sup> A BA

Indirizzo: Chimica, Materiali e Biotecnologie

Articolazione: Biotecnologie Ambientali

Libri di testo e materiali didattici utilizzati:

- C. Oddone, Sciencewise – New Challenges, Edizioni San Marco;
- video e contenuti multimediali tratti da YouTube;
- fotocopie e materiali integrativi forniti dal docente.

**Module 1: Forests and Deforestation**

- What is a forest?
- How can forests affect climate change?
- Deforestation
- Amazon forest
- Causes of Amazonian Deforestation
- Reforestation
- The murder of Dom Phillips and Bruno Pereira
- Why cities need trees?

**Module 2: Human Health**

- DNA and RNA, essential molecules for life
- Protein synthesis
- The human body
- A complex network defending the body: the immune system
- Dangerous microorganism: pathogens
- Vaccines: a protection against pathogens
- Pharmaceutical drugs
- Psychoactive drugs and addiction

**Module 3: Films – Ogni studente ha scelto un film della lista e ha esposto una presentazione sul film.**

- Take the lead
- The Great Debaters
- Dead Poets Society
- The Shawshank Redemption
- Gladiator
- Braveheart
- Spirited away
- Princess Mononoke
- American Beauty
- Up

- The Wolf of Wall Street
- Green Book

#### **Module 4: Spain and Barcelona**

- Tourism in Barcelona
- Opportunities, problems (overtourism), how tourism affects daily life.
- Architecture in Barcelona. Modernism, Gaudí, and how architecture shapes the city's identity.
- Daily life of young people in Barcelona
- School, free time, social life, and job opportunities.
- Festivals and traditions in Barcelona. La Mercè, Sant Jordi, local celebrations and their meaning today.
- Cultural diversity in Spain
- Regions, traditions, and how diversity is part of Spanish identity.
- Languages spoken in Spain. Spanish, Catalan, Basque, Galician: language and identity.
- Food culture in Spain. Typical dishes, eating habits, and food as a social experience.
- Young people and social issues in Spain. Education, unemployment, housing, and future expectations.
- History and Geography.

#### **Module 5: Energy and environmental sustainability**

- Energy sources
- Nuclear energy
- Renewables
- The debate on renewables
- Sources of pollution
- Air pollution
- Climate change

#### **Module 6: The British Empire in India**

- History: A 400 years Journey
- Literature: Rudyard Kipling – The White Man's Burden

Mondovì, 30 Maggio 2026

Docente: Fabrizio Fontana

Rappresentanti di classe:

Chiara Arnulfo

Gabriele Botto