



**ISTITUTO DI ISTRUZIONE SUPERIORE
“MICHELE GIUA”**

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ANNO SCOLASTICO 2025/2026

**Programma di
Lingua Inglese**

Classe: 4E - Ist. Tecn. Art. Biotechnologie Ambientali. - Cagliari
Materia: Lingua straniera (Inglese)
Docente: Giulia Delogu

Libri di testo in adozione

- Sciencewise – English for Chemistry, Materials and Biotechnology di C.Oddone; edito: San Marco
- In time 2 – Student’s book and workbook di O’Dell, Zanella, Brelstaff, Maxwell Editore: DeaScuola, Black Cat

ARGOMENTI:

Language

- Past simple: regular and irregular verbs;
- Zero Conditional structure and use;
- First Conditional structure and use;
- Second Conditional structure and use;
- Third Conditional structure and use;
- Speaking activities emphasizing fluency and accuracy
- Debate activities
- Role-playing scenarios
- Listening exercises and reading comprehension

Vocabulary

- Common verb phrases
- Politics and society
- Sports and outdoor activities
- Sport equipment

Chemistry

- 1- Exploring matter
 - States of matter
 - Phase transitions
 - Physical and chemical properties and phenomena
 - Atoms: the basic units of a substance
 - The periodic table
 - Molecules
- 2- Chemical compounds and reactions
 - Chemical compounds and reactions: key concepts in chemistry
 - Chemical formulae
 - What happens during a chemical reaction
 - Mind the product – Carbon monoxide and dioxide
 - Acids, bases and salts
 - The pH scale
- 3- Discovering Organic Chemistry
 - Organic compounds
 - The key role of carbon
 - Types of organic compounds: polymers
 - Creating polymers
 - Classifying organic compounds
 - Discovering hydrocarbons and their derivatives
 - Hydrocarbon exploitation: fossil fuels

Educazione Civica

1. Systems Side by Side
 - Political System: The American System
 - Overview of the structure of the American political system, including the federal, state, and local levels of government
 - The separation of powers among the executive, legislative, and judicial branches
 - Key features of the U.S. Constitution and the Bill of Rights
2. The Workforce in Italy, England vs. the USA: A Comparative Study
 - Comparisons between the Workforce in Italy, England and the USA
 - Differences in labor market structures and employment regulations between Italy, England and the USA

- Comparison of work culture, including work-life balance, average working hours, and vacation policies

Cagliari, Giugno 2026

Firma docente

Giulia Delogu