Anno scolastico	**2025/2026**
Disciplina	**LINGUA E CIVILTA' INGLESE**
Docente/i	**Angela Lucia Maio**
Classe	**4 A BS**
Indirizzo	**Chimica, Materiali e Biotecnologie**
Articolazione	**Chimica e Biotecnologie Sanitarie**

Contenuti/Attività svolte

Culture (from copied material and the book "**World in progress**")

- A top city: New York
- The boroughs of New York
- Top sights in New York
- The geography of the USA: the land, the country
- American people
- Hystory notes on the USA: founders and settlers, the War of Independence, the American civil war

Literature (from copied material)

- **Shakespere's Theatre and the Elizabethan Age**
  - William Shakespeare's life and works
  - The theatres in London from the Medieval Age to the Renaissance
  - The structure of the Elizabethan theatre
  - The main features of Shakespeare's plays
  - Romeo and Juliet: plot, characters, themes, language
  - The prologue "Two households"of Romeo and Juliet

English for specific purposes (from the book "A matter of life " - Ed Edisco)

- **The wonder of Chemistry**
  The major branches of Chemistry
  What is chemistry?
  Pure chemistry and applied chemistry
  Minor Branches of Chemistry
  Definition of matter, states of matter
  Different states of water depending on its temperature
  Changes of state
  How matter can change
  Physical and chemical properties/phenomena

Chemical reactions
The atom: composition of the atom, mass and atomic number
Molecules and chemical bonds
The periodic table. How elements are classified
Metals, non metals, metalloids
Pure substances and materials
In the chemistry lab: safe equipment and procedures
- Vocabulary: lab equipment, lab tools, microbiology lab equipment

- **Microbiology**
  Microbes the factory of everything
  Prokaryotes vs eukaryotes
  Eukaryotic microorganisms
  Bacteria and Viruses
  Fungi
  Microbiological contamination
  - Vocabulary: Job titles, microbiology items

- **Anatomy**
  The heart
  The human body and its defences.
  Anatomy and physiology
  The immune system - definition, the immune response, organs of the immune system
  Immunity
  The cells of the immune system- lumphocytes, B cells, T cells.
  Disorders of the immune system
  The Respiratory system
  - Vocabulary: Words and verbs related to Anatomy and physiology

Milazzo, lì 04/06/2026

F.to La Docente
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