



ISTITUTO TECNICO INDUSTRIALE STATALE " GALILEO GALILEI "

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PROGRAMMA D' INSEGNAMENTO



SVOLTO

Dalla Prof.ssa Sandra Grotti

Insegnante di Lingua Inglese

Nella classe 5[^]BBS

Per l'Anno Scolastico 2023-2024





PROGRAMMA SVOLTO

Testi:

- P.Briano, A Matter of Life 3.0 , English for Chemistry, Biology and Biotechnology, Edisco
- G.Orwell , 1984, Liberty Classics.

A Matter of Life 3.0

Module 3 : The Chemistry of the living world

- What is Biochemistry?
- Carbohydrates
- Proteins
- Lipids
- Nucleic Acids

Module 4 : Microbes : Friends and Foes

- Microbes : the factory of everything
- Prokaryotes vs eukaryotes
- Invisible to the eye
- Growth requirements for micro-organisms
- Microbial biotechnology
- The dazzling colours of Biotechnology
- Microbes –Biotechnology's precious helpers
- Biotech debates

Module 6 : Food world

- Healthy eating
- How to read food labels
- Food preservation
- Food additives and preservatives
- Food biotechnology
- What is food safety?
- Foodborne illness
- Foodborne pathogens
- HACCP: protection from foodborne diseases.



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Literature

George Orwell : life and main works

His novel *1984*: structure and plot, main characters and themes.

Oscar Wilde and the Aesthetic movement:

His novel *The Picture of Dorian Gray*: plot, characters and main themes.

World War I : Siegfried Sassoon and his poem " Suicide in the trenches".

Sassoon's protest " A soldier's declaration".

The Christmas truce of 1914.

Didattica orientativa : Rappresentazione teatrale in lingua inglese " The Picture of Dorian Gray".