



MINISTERO dell'ISTRUZIONE e del MERITO
Istituto Statale di Istruzione Superiore
ISAAC NEWTON
VARESE



PROGRAMMA DIDATTICO
SVOLTO A.S. 2023/2024

DISCIPLINA LINGUA INGLESE

CLASSE 4 B BIO

DOCENTE CRISTINA CREPALDI

CODOCENTE

Numero ORE

SVOLTE TEORICHE	SVOLTE PRATICHE	TOTALI	PREVISTE TEORICHE	PREVISTE PRATICHE
84			99	

CONTENUTI

1. GRAMMAR

Passive (revision +all tenses), have something done

Past perfect

Present and past conditionals , also with modals

0, I,II and III conditionals+ mixed types

Reported speech

Wish

Make sb do sth

2. INVALSI

Training in preparation for the Invalsi Test: reading/listening comprehensions (Grammar Hub)

3. CHEMISTRY

Module 2 - Matter and Energy

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Codice Fiscale 80010300129

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Exploring Matter page 30
.the nature of matter

Measuring matter : volume page 34

Measuring matter : mass page 32
.inertia
.weight

Isaac Newton: The Last Magician page 34+ Biography

Measuring matter: density page 35-36 density in everyday life

States of matter page 37-38
.solids
.liquids
.gases

Phase Transitions page 39-40
. melting
. evaporation
. condensation
. solidification

Physical and chemical properties and phenomena page 41-42
. physical properties
. chemical properties
. physical phenomena
. chemical phenomena

Understanding energy page 45-46
. forms of energy
.energy transformations

Understanding heat page 47
. measuring heat
. energy vs temperature
. measuring temperature

Daniel Gabriel Fahrenheit- Anders Celsius- Lord Kelvin - page 49-50

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module 3 Chemical compounds and reactions

The role of chemical compounds and reactions page 58

- . chemical compounds
- . chemical reactions

Chemical formulae page 59

What happens during a chemical reaction page 61-62

- . how to represent chemical reactions
- . the law of conservation of mass

Acids, bases and salts page 67

- . the properties of acids and bases
- . salts and the neutralisation reaction

The pH scale page 68-69

Antoine Lavoisier page 70

4. A LOOK INTO LITERATURE

Mary Shelley

Frankenstein- Background- themes- main characters- narrative features-science and moral- the Gothic novel-Frankenstein and cloning + watching the movie

Introducing the conditions of women in the Victorian Age and Edwardian Age:

The Suffragettes+ watching the movie “The Suffragette”

5. EDUCAZIONE CIVICA

Dickens, the Victorian Age and pollution, Hard Times: Coketown

ATTIVITA' DI RECUPERO PROPOSTE

RECUPERO IN ITINERE, PAUSA DIDATTICA

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Varese, li GIUGNO 2024

Il codocente

Il docente Cristina Crepaldi

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