



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



A.S. 2021-22

PROGRAMMA DIDATTICO
DISCIPLINA: LINGUA INGLESE

DOCENTE CRISTINA CREPALDI

CLASSE 4 B BIO

N.° ore teoriche	N.° ore pratiche	N.° ore totali	N.° ore previste
3			

Contenuti

1. GRAMMAR

Passive (revision +all tenses)

Past perfect

Present and past conditionals , also with modals

0, I,II and III conditionals+ mixed types

Reported speech

wish

2. INVALSI

Training in preparation for the Invalsi Test: reading comprehensions

3. CHEMISTRY

Module 2 - Matter and Energy

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 page34 + 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

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- . 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

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 - THE MOVIE -

5. EDUCAZIONE CIVICA

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

Attività di recupero

RECUPERO IN ITINERE, PAUSA DIDATTICA

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Varese, 1 GIUGNO 2022

il Docente

*“Firma autografa omessa ai sensi
dell’art. 3 comma 2 del D.Lgs. n.
39/1993”*

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