



Programma svolto

Anno scolastico 2023 – 2024

Materia: INGLESE

Classe: 5ACBS

n° ore settimanali: 3

insegnante: **prof PASINETTI FEDERICA**

1 – Analisi dei libri letti durante l'estate

1 – *General English and Literature*

- The Canterville Ghost by Oscar Wilde: Wilde's personality and attitude towards the USA, reading of Chapters 1, 2 and 3, comment on the humorous parts, British society vs American society.
- Twelfth Night: introduction to Shakespeare, main characteristics of tragedies and comedies, reading of the text version of the comedy, vision of the trailer of the film adaptation "She's the man"
- Romeo & Juliet: setting, plot, Moresca scene, Balcony scene, ending scene.
- Jane Eyre: introduction to Charlotte Brontë, plot, genre, reading of chapter 2 (life at the boarding school) comparison of Helen and Jane with comment on the rebellious and protofeminist understanding of women's life in the book and the film, analysis of the ending.
- Death on the Nile by Agatha Christie: general aspects, plot summary, vision of the solution of the case and final scene.
- Contestuale revisione e approfondimento delle principali strutture viste negli anni precedenti: present tenses, past tenses, future tenses, conditionals, present simple passive and past simple passive, reported speech

2 – *Chemistry fieldwork*

- Italian maturità vs British GCSEs
- A career in chemistry: main branches and areas of employment, personal future plans
- Great scientists: Marie Curie
- From lab to court: forensic science
- Essential features of a chemistry lab
- Safety rules for students attending a lab.
- Laboratory equipment, glassware and tools.
- How to write a lab report

3 – *Educazione civica*

n. ore svolte: 6



- Digital citizenship - using the web to get reliable information. Subspecialities of forensic science, dos and don'ts of job interviews, what I can do with my high school degree in chemistry
- Goals 12 and 15 of Agenda 2030 – responsible production and consumption; life on land: Harvard Business Review: Is remote work actually better for the environment?

4 – *Uncovering life: biotechnology*

- DNA and the secret of life
- Reading of Watson and Crick's paper: The structure of DNA.
- Biotechnology and its innovations
- Genetic modification
- Artificial cloning
- Legislations and concerns on human cloning
- Literary hint on the topic of cloning: "Inside Jenna", "Oppenheimer", "La scomparsa di Majorana"
- Biotechnology in the medical field
- Tissue engineering
- Artificial limbs: the future ahead
- Ethical concerns on science: discussion about Stevenson's "The strange case of Dr Jekyll and Mr Hyde"

5 – *Pausa didattica e attività di rinforzo*

- Settimana di ripasso in modalità peer-to-peer per favorire il recupero delle carenze
- Esercitazioni in laboratorio in preparazione alla prova INVALSI
- Progetto di speaking con un'esperta conversatrice

6 – *Organic chemistry and biochemistry*

- Organic chemistry and its relationship with biochemistry
- Polymerization
- The key role of carbon
- Analyzing carbohydrates
- Examining lipids
- Exploring proteins
- The importance of food and nutrition
- The Mediterranean diet pyramid and the MyPlate guide



- Food problems: allergies and intolerances

7 – Science and Health

- The human body
- The role of the immune system
- Dangers of the human body: pathogens
- The importance of vaccines
- Homeostasis
- Pharmaceutical drugs
- Psychoactive drugs and addiction

Libro di testo adottato:

- Oddone “Sciencewise” Editrice San Marco

Salò, 26/05/2024

l'insegnante Federica Pasinetti