

**Programmazione DISCIPLINARE
A.S. 2023/24**

DISCIPLINA **LINGUA INGLESE** CLASSE **4^A SEZ. E** CORSO **INFORMATICO**

DOCENTE **ANNA FERRARA**

LIBRI DI TESTO: **Bit by Bit New Edition / Your Invalsi Tutor.**

From Your Invalsi Tutor.

Reading comprehension for the Invalsi tests

From: Bit by Bit

Unit 1.2 The Binary System

- The binary system
- Units of Measure
- Analogue vs Digital
- Analogue and digital technology
- Analogue and digital converters

Unit 3.1 Computer languages: Low Level and High-Level languages and Translation programs.

- Machine language
- Low-level and high-level languages
- Translation programs

First and second generation languages

- First generation
- Second generation
- Definition of algorithm

Third generation languages

- High level languages
- Procedural languages
- Modular and structured programming

Fourth generation languages

- Non-procedural languages
- Query languages (DBMS and SQL)
- Markup languages (HTML)

Unit 3.3 Operating systems

- Definition of O/S
- The main parts of an O/S

Types of O/S:

- Unix and its main parts (kernel, shell, commands)
- Linux
- Android
- The Android Platform
- Windows and the different versions
- Macintosh (and its characteristics)
- Mac for mobile devices
- Android vs iOS
- Ubuntu and how it works

Talking about a film: '*Elisabeth*' and '*Elizabeth the Golden Age*'

- Visione dei film in inglese con i sottotitoli in inglese;
- la trama di entrambi;
- la figura di Elisabetta I nel film *Elisabeth* (da non ancora regina a regina) e in *Elizabeth the Golden Age* (regina che affronta problemi interni, rifiuta di sposarsi e conflitto contro la Spagna),
- l'Act of Supremacy (cause e conseguenze),
- personaggi principali,
- i problemi di Elisabetta I legati al contrasto tra cattolici e protestanti e i problemi con la Spagna,
- significato dei personaggi di sir Walter Raleigh and Bess.

Educazione civica: Copyright

- Meaning of Intellectual property (IP) and the different types (copyrights, patents, trademarks, and trade secrets)
- History of copyright: the printing press in the 1400s and 1500s, the Statute of Anne 1710, the Berne Convention and the European copyright directives.
- What Plagiarism is
- Definition of copyright
- What the owner of a copyright can and can't do
- The Internet and copyright
- What is protected on the WWW
- What can and can't be done when creating a Web page
- Database rights (Directive 96/9/EC)

Oristano 13.06.2024

La docente

Anna Ferrara