

**Programmazione DISCIPLINARE  
A.S. 2024/25**

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

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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 5.1 Communication networks

- networks
- types of networks
- network components
- network topologies,

### Visione e commento del film 'The Matrix'

- plot
- main characters
- meanings of names
- locations
- technology in the film
- Plato's allegory of the cave
- Shopenhauer's veil of Maya
- role of Morpheus and the philospher
- conflict between reality and personal comfort zone

### Educazione Civica: La Mafia

Video su RaiPlay: la cupola, il consenso, la risposta dello stato, il maxiprocesso

**Oristano 09.06.2025**

**La docente**

**Anna Ferrara**