ISIS “V. FOSSOMBRONI”

Anno Scolastico 2025/2026

Dipartimento Matematico – Scientifico

CONTENUTI MINIMI DI ICT

Liceo Scientifico delle Scienze Applicate

Quinquennale

CLASSE I

Unit 1.1 : DIGITAL DEVICES

- Types of Digital Devices.

Unit 1.2: SOFTWARE

- System Software
- Memory and Processors

Unit 6.14: SOFTWARE SKILLS

- Saving work, naming files, folders

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CLASSE II

Unit 2.4: CONNECTIVITY

- Speed and volume of Data Transfer
- Network Communication
- Broadband, Mobile BroadBand and cellular networks
- Networks

Unit 3.6: OPERATING ON LINE

- Risk to data and information
- Methods to secure data and personal information online

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CLASSE III

Unit 3.8: ON-LINE COMMUNITIES

- Features and functions of different online communities
- The use of online communities for communication and collaboration on a global scale
- How to stay safe online

Unit 3.9: IMPLICATIONS OF DIGITAL TECHNOLOGIES

- Data protection
- Safe and responsible practice
- Sustainability issues

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CLASSE IV

Unit 4.11: ONLINE SERVICES

- Types of services
- The impact on lifestyle and behaviour

Modulo 4.12: THE CLOUD

- Online data storage

Unit 5.13: APPLYING ICT

- Effective and appropriate use of software
- Difference between data and information
- Different type of data

Unit 6.20: DATABASE MANAGEMENT

- Data types
- Tables