

a.s. 2020/2021

PROGRAMMA DI LINGUA E CIVILTÀ INGLESE

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ICT, Information Communication Technology, Rebecchi - Cavalli – Cabras, Trinity Whitebridge, 2018

Unit 7: “Algorithms and programming languages”

- Algorithms
- Programming languages

Unit 8: “Networking and telecommunications”

- A computer network or stand-alone: Advantages and disadvantages
- LAN and WAN
- Steve Jobs and his slogan “Stay hungry, Stay foolish”

Unit 9: “The Internet”

- WWW: the World Wide Web
- Internet telephony and IP (Internet Protocol)
- Ways to communicate using the Internet: e-mails, blogs, e-mail newsletters, video calling, instant messaging
- search engines
- social networks

Unit 10: “System administration and security”

- Computer and network accounts
- Passwords
- Encryption and cryptography
- Viruses and antiviruses
- Firewalls

Unit 11: “Databases”

- 1) Using databases to manage large amount of data
 - Do I need specific technology?
 - Database features
 - Databases and daily life
 - Relational models
- 2) Database management systems:
 - - SQL language
 - - Can I query a database without knowing SQL?
- 3) Data warehouses and data mining

Unit 12: Jobs in ICT

- 1) How ICT has led to changing work patterns
 - Impact on employment
 - Better quality products
 - Selling goods online
 - Increased dependency on the Internet
 - Teleworking
 - Technology required for teleworking and videoconferencing.
- 2) Software and web designer
- 3) Software and web developer
- 4) Network administrator
- 5) SEO and SEM specialists
- 6) Curriculum vitae (Europass template)
- 7) Covering letter
- 8) Job interview: DO'S and DON'TS

Unit 13: "Safety"

- Safety and the EU
- OSHA: the European Agency for safety and health at work and its mascot Napo.

Historical hints:

- Churchill and Franklin Delano Roosevelt during the second World War:
D-Day - June 6th, 1944
- The Brexit

Invalsi test:

- Various listenings and Reading comprehensions from the site Invalsiopen, from the TAO Platform and from Sure Intermediate.

"*Sure intermediate*", M. Hobbs – J. Starr Keddle, Helbling languages Edizioni, 2015
Revision: the Conditionals – Zero, First, Second and Third conditional.

Unit 9: Part time jobs, Soft skills, Job interviews

- verbs followed by infinitive or -ing form
- Past perfect

Unit 10: Reported speech: statements, questions, imperatives; reporting verbs;

- keeping healthy; parts of the body

Unit 11: Modal and semi-modal verbs; Tag questions; Indirect questions.

- Various reading comprehensions from "Focus on exams" (Sure intermediate)

Educazione civica: *Unione Europea Union*

Civic Education: *European Union*

Le istituzioni europee in Inglese:

The European Institutions in English:

- European Parliament/Parlamento europeo;
- European Council/Consiglio europeo;
- Council of the European Union/ Consiglio dell'Unione europea;
- European Commission/Commissione europea;
- European Central Bank/Banca centrale europea;
- European Court of Auditors/Corte dei Conti europea;
- European Data Protection Supervisor/Garante Europeo della Protezione Dati;
- European Data Protection Board/Comitato Europeo per la Protezione dei Dati.

Questa sezione di Educazione civica, portata avanti attraverso introduzioni collettive da parte della sottoscritta docente di Inglese e attraverso ricerche da parte degli studenti divisi in gruppi di tre con successive presentazioni multimediali, rientra nel Progetto generale per la 5B SIA coordinato dalla docente di Diritto Prof.ssa Paola Monellini.

Perugia, 4 GIUGNO 2021

GLI ALUNNI

IL DOCENTE

