



ISTITUTO TECNICO STATALE “MARCHI – FORTI”

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PROGRAMMA SVOLTO a.s. 2021/2022

del Prof. **Nicoletta Densi**

Docente di **Inglese**

nella classe **4 sez. D** Indirizzo **informatica**

n° ore settimanali 3 Sede: Pescia

1. **TESTO IN ADOZIONE** "ENGLISH FOR NEW TECHNOLOGY" - Ed. Pearson-Longman

How the battery was invented , page 53

Light Bulbs 29

SAVE ENERGY IN THE HOME 31

Electricity and magnetism 32

Simple applications of Electromagnetism 34

Methods of generating electricity 44

Nuclear reactor 48

Renewable energy: water and wind page 50

Renewable energy: sun and earth page 51

Geothermal energy: Biomass and biofuels

How a N.R. is kept under control 49

Analogue vs. digital

Types of computer 124

The Computer system 126

Input – output devices 127

Computer storage 128

Letteratura - The Black Cat – E.A.Poe

What's inside a computer, hardware and software, the CPU

Sistema binario e trasporto dati (WIFI), Optical fibre, MODEM and routers

What is a firewall

Computer storage

Laptops vs Desktops

2. **MODULI E UNITA' DIDATTICHE SVOLTE** (specificare se in riferimento al testo in adozione o altro)

Esercizi di grammatica e use of English su Classroom e Google Meet

PRESENT TENSES, PAST SIMPLE,

PRESENT PERFECT SIMPLE E CONTINUOUS, Have something done

QUANTIFIERS, COMPARATIVES, SUPERLATIVES

DYNAMIC AND STATE VERBS

FUTURE TENSES - CONDITIONALS REPORTED SPEECH, Narrative tenses

All the past tenses statements - Questions and imperatives

Modifiers USED TO – WOULD - FUTURE CONTINUOUS, FUTURE PERFECT INDIRECT QUESTIONS



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NON DEFINING RELATIVE CLAUSES, articles a-an-the-zero article SECOND + THIRD
CONDITIONAL(revision) - WISH-IF ONLY PASSIVE
PUNCTUATION

Da Internet: Documenti scelti dall'insegnante analizzati in video lezione e presenti su Classroom:

- Galvanism https://www.youtube.com/watch?v=Lq7gGY285_E
- The real experiments that inspired Frankenstein
- <https://www.youtube.com/watch?v=-ex7f7KVI3I>
- How touchscreens work <https://www.youtube.com/watch?v=yU5kPoc7sL4>
- The Firewall <https://www.youtube.com/watch?v=kDEX1HXybrU>
- <https://www.youtube.com/watch?v=IWNfb4a1ay0>
- Wifi wires and cables <https://www.youtube.com/watch?v=ZhEf7e4kopM>
- Tour of the parts inside a computer <https://www.youtube.com/watch?v=-HCJDWfCI-M>
- Crime story: Deadly Women – Angela Mc Anulty
<https://www.youtube.com/watch?v=NoHpCF2qmx>
- Crime and punishment vocabulary <https://ieltsliz.com/crime-and-punishment-vocabulary/>
- Dettati <https://www.learnenglish.de/dictation/idictationfeast1.html>
- Should Cannabis be legal – podcast
- <https://open.spotify.com/episode/6AL0xJdIsCiCtj4ovRaSDc?si=7ef5df757ecf4876>
- Microchips
https://docs.google.com/presentation/d/1_MBvtY3PCmplPq-GG7xjJ9oBesmMHTE_IDsEpIZYHg4/edit?usp=drive_web&authuser=0

Educazione Civica: Sicurezza su lavoro (8 ore)

<https://www.youtube.com/watch?v=1ryzukuMyLQ>

Analisi di un caso di incidente sul lavoro

<https://youtu.be/5ompe1bnrtE>

Dangers of electricity, page 64

Safety signs, page 66

How to act in emergencies page 65

https://drive.google.com/file/d/1XCVvyd1SVV0OpJcuWJi_ju8vpbEuTD0p/view?usp=drive_web&authuser=0

Argomenti esposti durante fase Flipped Classroom:

1. What's inside a computer, the hardware, the CPU page 126 127 + cpu
2. Battery page 16 and 12
3. Electric car page 39
4. The generator p.46
5. Page 48-49 Nuclear reactor
6. renewable energy da 50 a 54,55



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14. set-up of a wifi network page 198
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18. Alan Turing 143
19. programming and how programs are written, 138 139
21. solve printer problems 157
22. future of computer games 158
23. the potential of the quantum computer 146

Data: 10 giugno, 2022

L'Insegnante:

Nicoletta Densi

Gli alunni:
