

PROGRAMMA DEFINITIVO

LINGUA E CIVILTÀ' INGLESE

Prof.ssa Laura Nanna

a.s. 2019/2020

CLASSE:5BET

Libri di testo:

1. Broadhead A - Light G /Calzinim K - Seita A / Heward V – Minardi S., ***CULT B2- SB & WB B2 + EBOOK(ANCHE SU DVD)***, CIDEB - BLACKCAT
2. K.O'Malley, ***Working with New Technology-Electricity and Electronics, Information technology and Telecommunications***, Pearson/Longman
3. Fotocopie/materiale fornito dall'insegnante

From "*CULT B2*", ed. CIDEB BLACKCAT:

UNIT	GRAMMAR	VOCABULARY	SKILLS
9	Linkers: Typologies: contrast, cause/effect, time/ - linking sentences in groups- -CONDITIONAL SENTENCES: revision of types 0,1 -Second and third conditional-I wish/If only	WAR-NATIONS AND POLITICS	Lettura testo Hiroshima and Nagasaki Reading about Harry Truman
10	Reported speech: statements-Indirect questions (commands-requests)- TAG Questions	THE ENVIRONMENT-WORD FORMATION rules	

<u>PREPARAZIONE PROVE INVALSI</u> <u>Fotocopie fornite dall'insegnante</u>	Reading comprehension b2: how to travel cheaply Listening comprehension B2- My life so far-travel to Luxembourg
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Argomenti di microlingua:

From “Working with New Technology”:

UNITA'	CONTENUTI																		
<p><i>ELECTROMAGNETISM AND MOTORS</i></p>	<p>PPT PRESENTATION: Electromagnetism Definition of electromagnetism and electric current-solenoid-right-hand-rule-electric motor- components of the electric motor-commutation, generator, transformer, induction, Faraday’s law <i>From “Working with New Technology”</i>:UNIT 3 da pag 36 a pag 43:Electricity and Magnetism,Applications of electromagnetism, the electric motor,Electric cars TASK assignment: Brochure on a car- Groupwork: preparing concept maps on Unit 3: applications of electromagnetism; the electric motor; types of electric motor, electric cars, electric cars: advantages and disadvantages, Maglev: the transport of the future Da p.38 a pag45 Listening comprehension: the history of electric transport p.44</p>																		
<p><i>DISTRIBUTING ELECTRICITY (dAd)</i></p>	<p>How to write a summary(strategies) p.66:The distribution grid Reading comprehension and quiz: Three-phase transformer</p> <p>Watching two videos (Electric grid and transformer) and quiz: https://www.youtube.com/watch?v=KLS7WGKn4kc (Video 1) https://www.youtube.com/watch?v=YQQ-mgjCpn8 (Video 2)</p> <p>Writing a summary (PAIRWORK) of the following texts of UNIT 5:</p> <table border="1" data-bbox="456 1509 1321 1868"> <tbody> <tr> <td>P.66 The Distribution grid</td> <td>ACCIARI, BERNARDINI</td> </tr> <tr> <td>P.66 The Distribution grid</td> <td>BALDASSARRI, COCOS</td> </tr> <tr> <td>p.69 The transformer</td> <td>COSENTINO,CONTI</td> </tr> <tr> <td>p.70 Managing the grid</td> <td>BALDON, DIANDA</td> </tr> <tr> <td>p.70 Managing the grid</td> <td>GIORGETTI,TAYACHI</td> </tr> <tr> <td>p.71 New Pylons needed</td> <td>VALENTI, PELLEGRINI</td> </tr> <tr> <td>p.71 New Pylons needed</td> <td>LENCIONI, MICHELETTI</td> </tr> <tr> <td>p.72 The smart grid</td> <td>PAVAN, KOCI</td> </tr> <tr> <td>p.72 The smart grid</td> <td>OLGUIN, ANASS</td> </tr> </tbody> </table>	P.66 The Distribution grid	ACCIARI, BERNARDINI	P.66 The Distribution grid	BALDASSARRI, COCOS	p.69 The transformer	COSENTINO,CONTI	p.70 Managing the grid	BALDON, DIANDA	p.70 Managing the grid	GIORGETTI,TAYACHI	p.71 New Pylons needed	VALENTI, PELLEGRINI	p.71 New Pylons needed	LENCIONI, MICHELETTI	p.72 The smart grid	PAVAN, KOCI	p.72 The smart grid	OLGUIN, ANASS
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<p><i>ELECTRONICS (DaD)</i></p>	<p>Ppt Presentation: Electronics -Definition-Electronic components-Discrete components-Materials-Resistors-Capacitors-Diode-Transistors-Bipolar transistors and Field-effect transistors</p>																		

	<p><i>From: "Working with New Technology":UNIT 6:da pag.78 a 82:Applications of electronics, Semiconductors-The transistor-Basic electronic components</i></p> <p>Writing summaries: p.99 MEMS: from Acciari to Conti p.89 Silicon Valley: from Cosentino to Lencioni p.103 The problem of electronic waste: from Micheletti to Valenti</p> <p>GROUPWORK:Presentation (Power Point or Google Slides): Diodes: Baldon, Bernardini, Capacitors:Baldassarri, Acciari, Cocos Inductors:Lencioni, Tayachi, Conti Resistors:Koci,Olguin,Pavan Integrated circuits:Cosentino, Nazlani, Valenti Transistors:Pellegrini, Giorgetti, Micheletti</p> <p>Video summary: How does a transistor work?: https://www.youtube.com/watch?v=IcrBqCFLHIY</p> <p>Quiz on electronics (Google Forms)</p>
<p><i>RADIATION AND TELECOMMUNICATIONS (DaD)</i></p>	<p>Videopresentazione: https://youtu.be/0CTAu0wZmM0: Definition-Types of telecommunication media-Coaxial cables-Fiber-optic cables-Telecommunication devices-Analogue and digital signals-The telephone network Watch the video 'History of Telecommunications' and complete the timeline Link:https://www.youtube.com/watch?v=dLzgRU25tXM&t=83s</p> <p>Pictoglossary on Telecommunications</p> <p>Quiz on Telecommunications vocabulary (Google forms)</p> <p>UNIT 10: Electromagnetic waves p140, Types of electromagnetic radiation p141, Radio waves p.144, Microwave oven p.148,Medical imaging p.150, Transmitting telecommunications signals p.152, Telephone networks p.153, Cables p.154</p> <p>How to write a report: UNIT 10 from page 140 to page 155 (pairwork) Dianda-Baldassari: Electromagnetic waves Tayachi-Nazlani: Radio trasmission Valenti-Cosentino: Microwaves Conti-Lencioni: Microwaves Giorgetti Baldon: Medical imaging</p>

	<p>Acciari Cocos: Medical imaging Micheletti Pavan: Telephone networks Bernardini Pellegrini: Cell phones Olguin Koci: Cell phones</p>
<p><i>SAFETY AT WORK (DaD)</i></p>	<p><i>Presentation with Google Slides:</i> Safety: key vocabulary-European directives-Safety regulations in Italy: Decree 81/2008- Risk assessment Document-Work-related stress-Worker's rights and responsibilities + Employer's rights and responsibilities- Safety and health at work 2020:COVID-19-TELEWORKING-</p> <p>Picture describing: identifying hazards and solutions</p> <p>WEBQUEST AND INFOGRAPHIC ABOUT SAFETY IN ELECTRONICS AND ELECTRICITY (multimedia product)</p>
<p><i>SVILUPPO ABILITA'</i></p>	<p>-How to create a concept map -How to write a summary How to create a glossary on a specific topic -Esercitazioni sulle prove INVALSI (listening and Reading-livelli B1/B2)</p>

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-Preparazione e Partecipazione allo Spettacolo teatrale, in lingua inglese, intitolato: "Brexit" (Tom Corradini Teatro) -22 gennaio 2020

Lucca, 10/06/2020

Il docente

Gli studenti
