



Ministero dell'Istruzione e del Merito

ISTITUTO DI ISTRUZIONE SUPERIORE "J. TORRIANI" - ISTITUTO TECNICO - LICEO SCIENTIFICO

Via Seminario, 17/19 - 26100 CREMONA - Tel. 0372 28380

ISTITUTO PROFESSIONALE –Sede associata “ALA PONZONE CIMINO”

Via Gerolamo da Cremona, 23 - 26100 CREMONA - Tel. 0372 35179

 E-mail: cris004006@pec.istruzione.it, cris004006@istruzione.it, www.iistorriani.it

PROGRAMMA SVOLTO

A.S. 2022/2023

DOCENTE:	AIELLO CLAUDIA
DISCIPLINA:	Lingua Inglese
CLASSE:	5A AUT

Per ogni Modulo svolto vengono indicati i relativi contenuti affrontati.

Dal testo: M. Bartram, R. Walton, VENTURE 2. ed. Oxford

MODULO	CONTENUTI
UNIT 15 Breaking the law Social issues	<u>Grammar:</u> 3 rd conditional; wish + Past Perfect; What (a/an) (+ adjective) + noun! <u>Vocabulary:</u> Crime and punishment, Social issues

Dal testo: Kieran O'Malley, WORKING WITH NEW TECHNOLOGY. ed. Pearson Longman

MODULO	CONTENUTI
UNIT 3 Electromagnetism and motors	<ul style="list-style-type: none"> • Electricity and electromagnetism • Applications of electromagnetism (the fuel gauge system) • The electric motor • Types of electric motor • Electric cars • Electric cars: advantages and disadvantages
UNIT 5 Distributing electricity	<ul style="list-style-type: none"> • The distribution grid • The domestic circuit • The transformer • The smart grid

<p style="text-align: center;">UNIT 6 Electronic components</p>	<ul style="list-style-type: none"> • Applications of electronics • Electronic symbols • Semiconductors • The transistor • The resistor • Colour coding of components • Listening activity: “Pioneers in electronics” • Silicon Valley • Video: “Welcome to Silicon Valley”
<p style="text-align: center;">UNIT 8 Microprocessors</p>	<ul style="list-style-type: none"> • What is a microprocessor? • How a microprocessor works • Logic gates • Digital kitchen scales • The man who invented the microprocessor
<p style="text-align: center;">UNIT 9 Automation</p>	<ul style="list-style-type: none"> • How automation works • Advantages of automation • Video: “What is industrial automation?” • Programmable logic controller • Automation in operation: a heating system • How a robot works • Listening activity: “Robots through history” • Varieties and uses of robots • Video: “See Amazon’s new robot army”
<p style="text-align: center;">EDUCAZIONE CIVICA: Automation at work</p>	<ul style="list-style-type: none"> • Case studies: Supermarket operations; Industrial operations • Video: “Could a robot do your job?”

Il programma svolto è stato visionato ed approvato dai rappresentanti degli studenti della classe.

Docente: Aiello Claudia

Data 08/06/2023