

	SISTEMA DI GESTIONE INTEGRATO QUALITÀ-ACCREDITAMENTO UNI EN ISO 9001:2015 - MANUALE OPERATIVO ACCREDITAMENTO	PROGRAMMA SVOLTO	Cod. Mod. DS005
	I.I.S. PRIMO LEVI		Rev.01 23.05.2022

PROGRAMMA SVOLTO ANNO SCOLASTICO 2021/2022

DISCIPLINA:	LINGUA STRANIERA INGLESE
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CLASSE: V	SEZ. D (IT)	INSEGNANTE: Alessio Lama	
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LIBRO DI TESTO: 1) K. O' MALLEY, WORKING WITH NEW TECHNOLOGY, PEARSON LONGMAN 2) PUCHTA, STRANKS & LEWIS JONES, GET THINKING VOL.II, CAMBRIDGE UNIVERSITY PRESS 3) ALLRIGHT, HAMMOND, HENDERSON, LICARI, ULTIMATE INVALSI, LIBERTY

1. ATTIVITÀ TEORICHE/PRACTICHE:

MODULO N. 1	TITOLO: PLAYING BY THE RULES
Unit 12 Get Thinking II: Playing by the rules (Revision) Vocabulary: rules and disciplines; consequences and reasons Grammar: be allowed to/let; wish + past perfect; third conditional Functions: following simple instructions Readings: "Hard times to be a kid", "Rules Britannia" (pages 134-144, 252-259)	

MODULO N. 2	TITOLO: ELECTRONIC COMPONENTS AND SYSTEMS
UNIT 6 - ELECTRONIC COMPONENTS	

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	I.I.S. PRIMO LEVI		Pag. 2 di 2 Rev.01 23.05.2022

Applications of electronics; Vocablab (key words); Semiconductors; The transistor; Basic electronic components; Colour coding of components

Reading activities: Silicon Valley

General English: Articles; Relative clauses and definitions
(Pages 78-79-80-81-82-83-86-87-88-89)

UNIT 7 - ELECTRONIC SYSTEMS

Conventional and integrated circuits, Vocablab (key words); Amplifiers; Oscillators; The race to build the integrated circuit; MEMS - Microelectromechanical Systems; How an electronic system works; Analogue and digital

Reading activities: The problem of electronic waste

General English: Quantifiers
(Pages 94-95-97-98-99-103)

MODULO N. 3

TITOLO: BETWEEN MICROCHIPS AND HARDWARE

UNIT 8 - MICROPROCESSORS

What is a microprocessor?; Vocablab (key words); Digital Kitchen Scales; The man who invented the microprocessor; The end of Moore's Law?

Reading activities: Do you want to be microchipped?

(pages 106-107-110-111-114-115)

UNIT 11 - COMPUTER HARDWARE

Types of computer; Vocablab (key words); Computer Storage; Upgrading an older computer; Safety: making your passwords secure

Reading activities: How computers evolved

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	I.I.S. PRIMO LEVI		Pag. 3 di 2 Rev.01 23.05.2022

General English: Comparison

(pages 158-159-162-164-165-168-169)

MODULO N. 4

TITOLO: "PROGRAMMING THE FUTURE"

UNIT 12 - COMPUTER SOFTWARE AND PROGRAMMING

Encryption; Cloud computing

Reading activities: Alan Turing's 'intelligent machines'; The first computer programmer

General English: Combinations of nouns; Singular and plural

(pages 182-183-184-185-186)

UNIT 16 - INDUSTRY 4.0 AND THE FUTURE

The Fourth Industrial Revolution; Vocablab (key words); Foundations of Industry 4.0; Google's self-driving car; Drone delivery

(pages 236-237-238-239-244-245)

MODULO N. 5

TITOLO: FROM SCHOOL TO WORK

UNIT 17 - FROM SCHOOL TO WORK

Employment in new technology; Vocablab (key words); Technology training in the UK; Work experience

Reading activities: IBM - Company profile

(pages 256-257-259-260-261-264)

Extra Activities: La classe ha svolto delle esercitazioni guidate ed individuali di tipologia Invalsi (reading comprehension and listening level B1; B1+; B2) dal testo: Allright, Hammond, Henderson, Licari, *Ultimate Invalsi*,

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	I.I.S. PRIMO LEVI		Pag. 4 di 2 Rev.01 23.05.2022

Liberty

(pages 8-9-15-16-17-21-49-50)

Articoli e siti web per Curvatura Biomedicale:

Pros and Cons of Being Microchipped

Glaucoma Glove and Bottle Scanner (from the BBC)

MODULO N. 6

TITOLO: EDUCAZIONE CIVICA - THE EUROPEAN UNION

The Institutions of the European Union

The Importance of Multilingualism in the European Union

Torino, ___/___/___

Il Docente

I Rappresentanti di Classe
