

	SISTEMA DI GESTIONE INTEGRATO QUALITÀ-ACCREDITAMENTO UNI EN ISO 9001:2015 - MANUALE OPERATIVO ACCREDITAMENTO	<h2 style="color: red;">PROGRAMMA SVOLTO</h2>	Cod. Mod. <b>DS-005</b>
	<b>I.I.S. PRIMO LEVI</b>		Pag. 1 di 2 Rev.00 01.09.2016

## PROGRAMMA SVOLTO ANNO SCOLASTICO 2017/2018

DISCIPLINA:	LINGUA INGLESE
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CLASSE:	5	SEZ. AT	INSEGNANTE:	MASENGA NORMA
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LIBRO DI TESTO: ENGLISH FOR NEW TECHNOLOGY, PEARSON LONGMAN
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### 1. ATTIVITÀ TEORICHE:

MODULO N. 1	TITOLO: ELECTRONICS
<p><b>UNIT 6 - Electronic Components</b>          Applications of electronics; Electronics: key words; Semiconductors; The transistor          Basic electronic components</p> <p><b>Reading:</b> William Shockley, the father of the transistor</p> <p><b>Listening:</b> Milestones in electronics</p> <p><b>UNIT 7 - Electronic Systems</b>          Conventional and integrated circuits; Electronic systems: key words; How an electronic system works; Analogue and digital; Digital recording; Amplifiers; Oscillators</p> <p><b>Reading:</b> Read a data sheet ; Use a DVD recorder  <b>Listening:</b> Use a DVD recorder</p>	

MODULO N. 2	TITOLO: MICROPROCESSORS AND AUTOMATION
<p><b>UNIT 8 - Microprocessors</b>          What is a microprocessor?; Key words; The microprocessor; Logic gates; How microchips are made</p> <p><b>Reading and listening:</b> Operate a car stereo; nano chips push through size barrier; Turbo chips speed up computers; Are DNA chips the future of microprocessors?</p> <p><b>UNIT 9 – Automation</b>          What is automation?; Automation: Key words; How automation works; The development of automation; How a robot works; Variety and uses of robots; Robots in manufacturing: The end of traffic controller?</p>	

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**Reading and listening:** Automation in operation: a heating system; Design a burglar alarm system; Robots past and present; Artificial intelligence and robots; Australia's digital education.

### MODULO N. 3

### TITOLO: ELECTROMAGNETISM AND MOTORS

#### UNIT 3 – Electromagnetism and motors

Electricity and magnetism; Electricity and magnetism: key words; Simple applications of electromagnetism; The electric motor; Types of electric motor; Electric cars; Electric cars: advantages and disadvantages

**Reading:** How a hybrid car works; The Jaguar C-X 75 supercar

### MODULO N. 4

### TITOLO: EMPLOYMENT IN NEW TECHNOLOGY

#### UNIT 17 - Employment in new technology

Jobs in technology; Key words; Job advertisements; The CV; What the CV should contain; The letter of application; What the letter of application should contain; The range of work in new technology.

#### Task Support

- Writing a CV and a business e-mail

Torino, 09/06/2018

La Docente

I Rappresentanti di Classe

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