**IPIA “L.VANVITELLI”- LIONI**

*Programma di Inglese*

*Prof.ssa De Nicola Maria Viola*

Classe V IPMM

anno scolastico 2020-2021

Dal libro: “ English tools for mechanics” – B. Franchi Martelli – H. Creek/

Ed. Minerva Scuola

**Module 1: Electricity/ Risk assessment**

* + - * **UNIT 1:** General safety regulations
			* **UNIT 2:** Preventing accidents
			* **UNIT 3:** What is risk assessment?
			* **UNIT 4:** How to carry out a risk assessment

**Module 2: Automation technology**

* **UNIT 5:** Automation developments/CNC
* **UNIT 6:** CNC machines: advantages and disadvantages

 **Module 3: Entering a machine shop**

* **UNIT 7:** Machine tools
* **UNIT 8:** Drilling- Boring- Reaming
* **UNIT 9:** Grinding machines

**Module 4: Computer/Internet**

* **UNIT 10:** What is a computer?
* **UNIT 11:** RAM-ROM-Flash memory
* **UNIT 12:** What is the Internet?
* **UNIT 13:** Networks (WAN – LAN)
* **UNIT 14:** E-learning – video conferences
* **UNIT 15:** Hypertext - Cyber security

**Module 5: Energy**

* **UNIT 16:** Sources of energy
* **UNIT 17:** Solar, bio-energy
* **UNIT 18:** The greenhouse effect

**Educazione civica:** Working safely: environmental sustainability

**Focus on language:**

**Grammar**: present simple, present continuous, past simple, present perfect, negative and interrogative form

Technical English: vocabulary