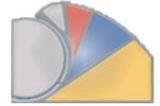




Istituto di Istruzione Superiore Statale "Enrico Medi" - Palermo

Via Leonardo da Vinci n.364 - 90135 Palermo - Tel. 091 405108



Programma Svolto di Lingua e Civiltà Inglese

Classe: V E RV

Anno Scolastico: 2022/2023

Indirizzo: Manutenzione ed assistenza tecnica

Settore produttivo di interesse: Veicoli a Motore

Codici ATECO: G45.2

NUP: 6.2.3.1.1 – Meccanici motoristi e riparatori di veicoli a motore; 6.2.3.1.2 – Gommisti;
6.2.4.1.5 – Elettrauto

Docente: Prof. Giuseppe Pipia

Grammar and Vocabulary

- Present and Past Tenses (Simple and Continuous forms)
- Future tenses
- Prepositions

History, Civilization and Microlanguage

- The first Industrial Revolution
- The second Industrial Revolution
- The development of factory system
- Fordism and Taylorism
- The assembly line
- The Victorian Age: social and political context; main authors
- Charles Dickens: themes and characters; notes about *Coketown* from *Hard Times*
- Elizabeth Gaskell: the social novel; notes about *North and South* and *Mary Barton*
- Key moments in the 20th century
- What is mechatronics?
- Sensor technology; sensors and detectors
- Electronics in cars and automotive sensors
- Sources of energy: non-renewable and renewable; fossil fuels

- Alternative energies: solar, wind, tidal, geothermal sources of energy
- The UK political system and geography
- English-speaking countries

Citizenship Education

- Agenda 2030: discussion, research, analysis and sharing materials concerned with the Goals
- What is “sustainability”? What can we do to be “sustainable”?

U.D.A.

Technical report about the calculations for engine displacement

Textbooks

- Bianca Franchi, Hilary Creek, *Mechanics – Skills and Competences, English for Technology*, Minerva Scuola
- AA.VV., *Grammar Spectrum Gold*, Oxford University Press

DATA

Palermo, 29 maggio 2023

IL DOCENTE

Prof. Giuseppe Pipia