

ISTITUTO ISTRUZIONE SUPERIORE “Michelangelo Buonarroti”

Anno Scolastico 2021/2022

Classe: 5 Sez D – M.M.E.

PROGRAMMA SVOLTO DI LINGUA E CIVILTÀ INGLESE

Docente: Prof.ssa Rossana Mocci

Testi adottati: Rosa Anna Rizzo - “SMARTMECH PREMIUM – MECHANICAL TECHNOLOGY AND ENGINEERING” - ELI

Dispense: PDF forniti dalla docente, caricati su G.Suite “Materiali del Corso”

CONTENUTI

MODULE 0 (PDF)

The four Industrial Revolutions

- The First Industrial Revolution-
- The Second Industrial Revolution
- Fordism – Mass Production
- The Great Exhibition
- The Third and Fourth Industrial Revolution

MODULE 8

Systems and Automation

A) MULTIDISCIPLINARY FIELD

Mechatronics

Automated Factory organization

Numerical Control and CNC

B) COMPUTER AUTOMATION

Robots

Drones

Sensors

Domotics

Remote Control

MODULE 7

The Motor Vehicle

A) WHAT MAKES A CAR MOVE

Drive Train

The four-stroke engine

The two-stroke engine

The diesel engine

Biofuels

The Fuel System

Carburisation

Fuel Injection and EFI

B) ALTERNATIVE ENGINES

Electric and hybrid cars

Fuel cell vehicles

COMPETENCES

B1 Speaking

B1 Writing

B1 Listening

GRAMMAR

Verb Tenses (Present Simple and Present Continuous; Simple Past and Past Continuous; Present Perfect)

There is/there are

Personal Pronouns (Subj. and Obj.)

Possessive Adjectives, Possessive Pronouns

Demonstratives

Quantifiers

Imperative

Future: Will/going to

Modals: have to/Must; Should, Can/Could; may/Might

Linkers and Prepositions

Adjectives Order; Comparatives and Superlatives

Phrasal Verbs

Pattern Verbs (verb +ing/ verb + to)

Conditional. Zero Conditional, First Conditional, Second

Conditional, (Just a glimpse: Third Conditional, Mixed Conditional)

Passive: Simple Present Passive, Simple Past Passive

Past Perfect

Defining and non-Defining Relative Clauses

Reported Speech: Say and tell

Relative Clauses

Guspini 01/06/2022

La docente
Prof.ssa Rossana Mocci

Gli studenti

