

PROGRAMMA DI LINGUA E CIVILTÀ INGLESE
A.S. 2022/2023

Docente: Prof. Anna Codipietro

CLASSE: IV BE Triennio Elettronica e Elettrotecnica.

Text book: Gherardelli: Hands on Electronics and Electrotechnology - Zanichelli

Electronics and Electrotechnology

Module 1

Electromagnetism – The electric motor.

Module 2

Logic Gates and truth tables – What is an algorithm ? – Flowcharts – Digital Gates - How does an Electronic Circuit work ? – Circuit Symbols.

Module 3

How is Electricity distributed ?

Transformers – transmission and distribution – electricity deregulation – Saving on Electricity

Module 4

How does an Electronic circuit work ?

Printed circuit boards – Let's learn to prototype – Design rules – Circuit symbols

Module 5

Amplifiers

What is an amplifier – Classification of amplifiers – operational amplifiers - Audio mixers.

Grammar

Wh- question words – review simple present, present continuous – simple past, past continuous – Present perfect – Future – Use of relative pronouns – review of comparatives and superlatives – Passive forms.

Exercises : Listening and reading comprehensions – cloze texts

Educazione civica. “Levi-amo-trash” – “No mobiles today”