



MINISTERO DELL' ISTRUZIONE E DEL MERITO

Ufficio Scolastico Regionale per il Lazio

ISTITUTO OMNICOMPRESIVO "LEONARDO DA VINCI" ACQUAPENDENTE

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ANNO SCOLASTICO 2024/2025

PROGRAMMA DI LINGUA E CIVILTÀ ' INGLESE

CLASSE 5AE

SCUOLA SECONDARIA DI 2° GRADO -

ITT

PROF. ssa MONTANUCCI MARIA ROSARIA

LIBRI DI TESTO: S. Bolognini – Berkeley C. Barber – Kiaran O’Malley, *Career Paths in Technology*, Sanoma

L. Kilbey –A. Cornford - *Exam Toolkit for Prova Invalsi (B2-First)* – Cambridge

CONTENUTI

ELECTROMAGNETISM AND MOTORS

Electricity and magnetism - The electric motor - Types of electric motor – Electric cars

AUTOMATION

What is Automation - Advantages of automation - Programmable Logic Controller – Automation in the home – How a robot works - Varieties and uses of robots - Robots in manufacturing – Types of industrial robots –Artificial intelligence and robots.

SAFETY

Electric motor maintenance

Security signs

FROM SCHOOL TO WORK

Technology jobs

Employment in new technology

Career profile: electrician

EDUCAZIONE CIVICA: IT/AI and the legislation in Italy, in the Uk, in the Usa and in Europe – “Big Data” – Advantages and disadvantages of AI.

INVALSI: Funzione Linguistico-Comunicativa: TEST INVALSI (livello B1/B2)

Contents: *Education; Health; Environment; Religion; Sport; Language; Towns and Cities.*

Acquapendente, 06/06/2025

Il DOCENTE

Prof.ssa Maria Rosaria Montanucci