

**I.T.E.T. "GIROLAMO CARUSO"**  
**CLASSE IV B EE**  
**PROGRAMMA SVOLTO**  
**LINGUA INGLESE**  
**a.s. 2023/2024**

**Docente: PALMERI EUGENIA**

**Libro di testo: K. 'O Malley, "Career paths in Technology", Pearson**

**REVISION – ELECTRIC CIRCUITS**

- A simple circuit
- Types of circuits: series and parallel circuits

**UNIT 1 – ELECTRONIC COMPONENTS**

- Applications of electronics
- Semiconductors and silicon doping :N-Type and P-type doping
- Basic electronic omponents: resistors, capacitors, inductors, diodes

**UNIT 2 – ELECTRONIC SYSTEMS**

- Analogue and digital signals
- The binary code
- The advantages of digital

**UNIT 3 – DISTRIBUTING ELECTRICITY**

- The distribution grid
- The domestic circuit
- Transformers

**UNIT 4 – PROFILES**

- The battle of the currents
- What would you like to do in the future?

**Gli alunni**

**La docente**