

**I.T.E.T. “G.Caruso”**  
**Classe: 5A EE**  
**MATERIA: LINGUA INGLESE**  
**PROGRAMMA SVOLTO**  
**a.s. 2023/2024**

Docente: PALMERI EUGENIA

Libro di testo: K.O’ Malley, *Working with new technology*, Pearson

**GENERATING ELECTRICITY**

**Renewable energy sources**

- Methods for producing electricity
- Hydroelectric power plants
- Wind power : how wind turbines work
- Silicon doping : N-type and P-type doping
- Solar panels: how solar panels work

**Non-renewable energy sources**

- Fossil fuel power plants
- A new method of extraction: fracking
- Nuclear power stations: the chain reaction
- Nuclear reactors: safety measures and
- Negative consequences of nuclear energy

**ELECTRICITY AND MAGNETISM**

- Electromagnetism
- Experiments: how to create a simple electromagnet
- The electric motor: how electric motors work

**TRANSPORT**

- The transport of the future: Maglevs magnetic levitation trains  
Reading activity: Environmental impact of different types of car

**ED. CIVICA**

- Working conditions: Safety and dignity

Gli alunni

La docente

