



## Anno scolastico 2022 - 2023

### PROGRAMMA SVOLTO CLASSE 5^D

**DOCENTE: Camardo Antonella**

**Materia: Inglese**

Testo in adozione: Ilaria Piccioli, *Take the wheel again new edition*, English for Mechanical Technology and Engineering, Editrice San Marco

**Grammar:** revision of the main tenses – active verb forms

**Reading comprehension:** "Is 'follow your passion' good advice?"

#### Microlingua:

- Solar thermal: definition
- Solar thermal system: how it works
- Components of a solar thermal system:
  - Solar collectors
  - Primary and secondary circuits
  - Heat exchanger
  - Storage tank and pumps
  - Pipelines
  - Main control panel

#### Heating and refrigeration:

- HVACR Systems
- The heating system:
  - Hot water central heating
  - Boilers
  - Radiators
  - Underfloor heating systems
  - Warm air central heating
- Refrigeration
  - The refrigeration system
  - R32 Refrigerant
- Air conditioning

#### History:

- The First World War and the Second World War (an overview)

**UDA Educazione Civica:** *Europass and Cover letter*

**UDA interdisciplinare:** "Il colore nero" (Wole Soyinka: life and works. Analysis of the poem: "Telephone conversation")

Parma, 15/05/2023

L'insegnante  
*Prof.ssa Antonella Camardo*