

**ISTITUTO di ISTRUZIONE SUPERIORE "Ettore Majorana" Avezzano (AQ)
Anno Scolastico 2022-2023**

**Programma d'inglese
Classe 5M Meccanica e Meccatronica**

Sono stati rivisti alcuni argomenti di grammatica tratti dal libro di testo Engage 2.

Dal libro di testo "Smartmech Premium":

TRIMESTRE

Mechanical drawing

- Mechanical drawing: drawing tools.
- Technical drawing
- Standardised conventions

Multidisciplinary field

- Computer-aided design (CAD)

Safety first

- The importance of safety (Ed.Civica)
- Spot the hazards
- Assess the risk
- Safety education
- Article 4 of the Italian Constitution

Multidisciplinary field

- The work of a drafter

The Motor Vehicle

- The four-stroke engine

PENTAMESTRE

The Motor Vehicle

- The two-stroke engine
- The diesel engine
- Biofuels

The Motor Vehicle

- The two-stroke engine
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Basic car systems

- Carburation
- Fuel injection and EFI
- The battery
- The braking system

Alternative engine

- Electric and hybrid cars
- Fuel cell vehicles

Multidisciplinary field

- Numerical control and CNC (pag. 198)
(advantages and disadvantages of CNC machines)

Educazione civica: argomento dell'UDA

- The European Union

Avezzano 03/06/2023

Alunni

Insegnante