

ISTITUTO ISTRUZIONE SUPERIORE “Michelangelo Buonarroti”

Anno Scolastico 2022/2023

Classe: 5 Sez D – M.M.E.

PROGRAMMA SVOLTO DI LINGUA E CIVILTÀ INGLESE

Docente: Prof.ssa Baccoli Federica

Testi adottati: Rosa Anna Rizzo - “SMARTMECH PREMIUM – MECHANICAL TECHNOLOGY AND ENGINEERING” – ELI più schede fornite dalla docente

MODULE 7 “The Motor Vehicle”	<p>WHAT MAKES A CAR MOVE</p> <ul style="list-style-type: none">- Drive train- The four-stroke engine- The two-stroke engine- The diesel engine- Biofuels <p>BASIC CAR SYSTEMS</p> <ul style="list-style-type: none">- The fuel system- The electrical system- The braking system- The cooling system- The exhaust system <p>ALTERNATIVE ENGINES</p> <ul style="list-style-type: none">- Electric and hybrid cars	<p>Grammar</p> <ul style="list-style-type: none">- Present Simple vs Present Continuous- Modal verbs- Past Simple
MODULE 8 “System and Automation”	<p>THE COMPUTER SYSTEM</p> <ul style="list-style-type: none">- The computer evolution- Computer basics- Internet basics <p>MULTIDISCIPLINARY FIELD</p> <ul style="list-style-type: none">- Mechatronics- Robotics <p>COMPUTER AUTOMATION</p> <ul style="list-style-type: none">- Robots- Drones- Sensors- Domotics- Remote control	
MODULE 9 “Heating and Refrigeration”	<p>HEATING SYSTEM</p> <ul style="list-style-type: none">- Hot-water system- Warm-air central heating- Alternative heating systems <p>REFRIGERATION SYSTEMS</p> <ul style="list-style-type: none">- Mechanical refrigeration- Air conditioning- Car-cooling systems	