

IIS "G. MARCONI" – CIVITAVECCHIA

MATERIA DI INSEGNAMENTO: LINGUA E CIVILTÀ INGLESE A.S. 2023-2024

CLASSE IV^A A MECCANICA

DOCENTE: PROF.SSA TIZIANA AUGUSTA

LIBRI DI TESTO ADOTTATI:

- GRAMMAR IN PROGRESS
- MECHANICS – SKILLS AND COMPETENCES

PROGRAMMA SVOLTO:

GRAMMAR REVISION FROM THE BOOK: GRAMMAR IN PROGRESS

1. PAST SIMPLE
 2. PRESENT PERFECT
 3. PAST SIMPLE VS PRESENT PERFECT
 4. CONDITIONAL TENSE: ZERO, FIRST, SECOND, THIRD ONE
 5. PASSIVE: ALL FORMS
- FROM THE BOOK MECHANICS – SKILLS AND COMPETENCES:

MODULE 1: DRAWING

- SKETCHING, DRAWING AND DRAFTING TOOLS
- MEASURING EQUIPMENT
- STANDARDS AND CONVENTIONS
- MECHANICAL ENGINEERING DRAWINGS
- USING CAD FOR DRAWING

MODULE 2: SAFETY AT WORK:

- SAFETY LAWS AND POLICIES
- TOP TEN WORKPLACE SAFETY TIPS
- HAZARDS IN WORKSHOPS
- BEHAVIOUR IN THE WORK ENVIRONMENT
- THE HUMAN BODY A PART OF A CIRCUIT

MODULE 3: ELECTRICITY

ELECTRICAL SAFETY RULES

- PREVENTING ACCIDENTS
- WHAT IS ELECTRICITY
- ELECTRIC CURRENT AND POTENTIAL DIFFERENCE
- AC AND DC CURRENTS
- THE ELECTRICAL CIRCUIT

MODULE 4: METALWORKING AND MACHINE TOOLS

- WHERE MANUFACTURING BEGINS
- THE METALWORKING PROCESSES

MODULE 5: MACHINE TOOLS

- WHAT ARE MACHINE TOOLS?
- TYPES OF MACHINE TOOLS
- TRADITIONAL AND CNC LATHES
- MILLING MACHINES
- AUTOMATION IN MACHINE TOOLS
- CAD/CAM AND CIM/CIE

MODULE 6: THE FUTURE OF MACHINE TOOLS

- EMO TRADE FAIR
- MACHINE TOOLS AND ELECTRONICS
- MECHATRONICS AND MACHINE TOOLS

CIVITAVECCHIA, 07.06.2024

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