

ISTITUTO ISTRUZIONE SUPERIORE “CIGNA – BARUFFI - GARELLI”
MONDOVI’

A.S. 2023/2024

PROGRAMMA DI INGLESE SVOLTO NELLA CLASSE 5° AMM

INSEGNANTE: MELLANO MORENA

MECHANICS

Module 4: Mechanical Drawing

- Mechanical drawing (pp. 84-85-86-87)
- Multidisciplinary field (pp. 96-97)
- The work of a drafter (p. 100)

Module 5: Machining Operations

- Power-driven machines (pp. 104-105)
- The lathe (pp. 106-107-108-109)
- Machine tool basic operations (pp. 112-113-114-115-117-119-120-122)
- Electric circuits (pp. 124-125)
- The Luddite Movement (p. 128)

Module 6: Metal Processes

- Metalworking (pp. 132-133-134-135)
- Forming methods (pp. 138-139-140-141-142-143)
- Metal joining processes (pp. 146-147-148-149-150-151)
- Recycling (p. 154)

Module 7: The motor vehicle

- What makes a car move (pp. 158-159-160-161-162-163-164-165)
- Basic car systems (pp. 166-167-169-171-174-175)
- Alternative engines (pp. 176-177-178)

Module 8: Systems and Automation

- The computer system (pp. 188-189-190-192)
- Multidisciplinary field (pp. 194-195-196-198-199)

- Computer automation (p. 200-201-202-203-205)
- Alan Turing (dispense)
- Visione e commento del film “The Imitation Game”

Module 8: Heating and Refrigeration

- Heating systems (pp. 214-218)
- Refrigeration systems (p. 224)

PLC: dispense

CULTURAL BACKGROUND: HISTORY

- Mass production (p. 260)
- The Great Depression (p. 261)
- Key moments in the 20th century (pp. 262-263-264-265)

LITERATURE AND CIVILIZATION (DISPENSE)

The United States of America

- Old Glory
- The Constitution
- George Washington
- The War of Independence
- Ethnic diversity
- African Americans
- The Civil Rights Movement
- Henry Ford
- Slavery in the Southern states
- North and South
- The Cold War
- The protest movements
- The Vietnam War

George Orwell and “Animal Farm”

- George Orwell (life and works)

- “Animal Farm”: plot, characters and allegorical meaning
- Russian Revolution: figures, key ideas and concepts

Civil rights

- Martin Luther King and his speech “I have a Dream” (dispense)
- Film “Selma” (dispense): main scenes
- Malala Yousafzai and her speech at the United Nations (dispense)

Sustainability

- Renewable sources of energy: main types, advantages and disadvantages (dispense)
- Nuclear power: fission and fusion (dispense); Enrico Fermi and the atomic bomb (dispense)

EDUCAZIONE CIVICA

- Discrimination, human and civil rights:
Different types of discrimination
The suffragette Movement, Nelson Mandela and Rosa Parks

Mondovì, 30 maggio 2024

L'insegnante

I rappresentanti di classe
