

**Programma di lingua inglese**  
**Classe 5°D Mecc.**  
**Anno scolastico 2023-2024**

Argomenti svolti:

- 1 Automation processes
- 2 Sensors
- 3 Casting and forging
- 4 Rolling Extrusion and Drawing
- 5 Turning and Milling
- 6 Machine tools
- 7 Types of CAD
- 8 Sheet and Powder forming
- 9 Metals
- 10 Metalworking
- 10 PLC
- 11 Shaping and joining Materials
- 12 Energy - Energy production: Primary and Secondary Sources
- 13 Saving Energy
- 14 Hydroelectric Power Plants
- 15 Petroleum derivatives – Fossil fuels
- 16 Nuclear Power plants
- 17 Pollution
- 18 Renewable and non-renewable Energy Sources
- 19 The 3R's
- 20 Artificial Intelligence
- 21 Brochures from Analytica Fair and Ceramitec Fair di Monaco di Baviera – Aprile 2024
- 22 [https://www.acciona.com/renewable-energy/solar-energy/?\\_adin=02021864894](https://www.acciona.com/renewable-energy/solar-energy/?_adin=02021864894)

<https://www.nrel.gov/research/re-solar.html>

<https://www.theguardian.com/food/2023/oct/21/nutritional-psychiatrist-felice-jacka-the-global-food-system-is-the-leading-cause-of-early-death>

<https://www.theguardian.com/food/2023/oct/19/tastilux-animal-free-fat-unveiled-sxsw-sydney-realistic-meat-alternative>

<https://www.theguardian.com/environment/2023/oct/20/impact-farming-climate-crisis-key-cop-topic-finally>

[https://drive.google.com/file/d/1rXBug9ih6nRuetZwJek7VHSNU95vnP2/view?usp=classroom\\_web&authuser=0](https://drive.google.com/file/d/1rXBug9ih6nRuetZwJek7VHSNU95vnP2/view?usp=classroom_web&authuser=0)

- 23 Invalsi – preparazione
- 24 Film “Murder on the Orient Express”
- 25 Glossario relative alle parti meccaniche

Il programma di cui sopra è stato concordato con gli studenti

Data 29-05-2024

Insegnante

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Rappresentanti degli studenti

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