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PROGRAMMA SVOLTO **A.S. 2022/2023**

DOCENTE:	Rossana Banti
DISCIPLINA:	Lingua inglese
CLASSE:	5A MEM

Per ogni Modulo svolto vengono indicati i relativi contenuti affrontati.

MODULO	CONTENUTI
Module 3 Computer and Automation	Leibniza, I-ching and science fiction-Drones-Ideal Workers?; Barcodes- What are they?
Module 4 Tools and Machine Tools	How Gears work; Machine Tools; Varieties of Machine Tools; Leonardo Da Vinci, the Artist as Inventor
Module 5 Heat Engines	Geysers and Geothermal Energy
Module 6 Motor Vehicles	How Car Engines Work; Hybrid Car Types; The story of some motorcycles; Rudolph Diesel; Farm Tractors; Ferrari
Module 7 Energy	Energy and Energy Consumption and Production (in the UK); Alternative Energy Sources; Hydropower plants- Protecting the environment- Saving energy
Module 8	Definition of Electricity; Power Stations: How Electricity Works-A brief history of electricity- Experiment with magnets- Geniuses and dreamers

Electricity	
Module 9 CAD & CAM	The History of AutoCAD, CAE, CAD &CAM; Does cad make better cars?
Module 10 Production	The Cottage Industry; Henry Ford changes the world; the Early factory system; Taylor and taylorism-Improving modern manufacturing system
Case studies	Toyota/ each group has developed one case study
Lezioni con il docente madrelingua	Climate change/ Cop 26/Relations in developing countries
Educazione civica	The European Union and its Institutions
Ultimate Invalsi Prova 1	Reading: Life quality; The electric picture house; At the dance; Student bank account Listening: Responsible travel; Transport announcements; Plastic pollution; Addicted to smartphone
Prova 2	Reading: University library regulations; A house for sale; Five things you may not know about Leonardo; Listening: Childhood in England; My interrail
Prova 3	Listening: Cyberbullying; Save environment
Prova 4	Reading: Vanessa Nakate at Cop26; Listening: Summer jobs
Prova 5	Listening: The slow electric car revolution; Phantom vibration syndrome

Il programma svolto è stato visionato ed approvato dai rappresentanti degli studenti della classe

La docente

Rossana Banti