

Programma svolto di Lingua Inglese
a.s. 2019/2020

5AMC

Materiale didattico: *Cult*, ed. CIDEB BLACKCAT
SmartMech, ed. ELI
Fotocopie / video

The Environment	Brani / video
Environmental problems	'Earth: You need it more than it needs you' (<i>Cult</i> , pp. 222-223)
Car pollution	'Car pollution' (articolo adattato da https://sciencing.com/effects-car-pollutants-environment-23581.html 'The environmental impacts of cars, explained' (https://www.nationalgeographic.com/environment/green-guide/buying-guides/car/environmental-impact/)
Air pollution	'Which transport option is the healthiest?' (https://www.healthylife.org.uk/healthiest-transport-option-video/)
Water pollution	'Stand by the sea- Italian sailors against ocean plastic waste' (https://www.youtube.com/watch?v=emuaLBLnudE)
The Great Pacific Garbage Patch	fotocopie
Global heating	Articolo 'Car pollution'
The greenhouse effect	Articolo 'Car pollution'
Consequences of Covid-19 on the environment	Flip side of the coin: Covid-19 gives environment a boost https://www.dw.com/en/flip-side-of-the-coin-covid-19-gives-environment-a-boost/av-52981862 The unexpected environmental consequences of Covid 19 https://www.bloomberg.com/news/articles/2020-03-30/the-unexpected-environmental-consequences-of-covid-19

The motor vehicle	
The 4-stroke engine	Smartmech, pp. 122-123 e fotocopie
The Diesel engine	Smartmech, pp. 126-127) e fotocopie
The 2-stroke engine	Smartmech, pp. 124-125 'How two-stroke engines work' (https://www.youtube.com/watch?v=AgrI3hRQzOA)
The fuel system	'Carburisation' (Smartmech, pp. 128-129) Fuel injection and EFI (Smartmech, pp. 129-130)
The exhaust system	Smartmech, p. 137
Alternative Engines	'Electric and hybrid cars' (Smartmech, pp. 138-139) 'BMW i8 – car review' https://www.theguardian.com/technology/2015/jan/17/bmw-i8-car-review-zoe-williams

Automation	
Mechatronics	Smartmech, pp. 156
Robotics	Smartmech, pp. 157
Automated factory organization	Smartmech, pp. 158-159 'Automation nation' (https://classroom.google.com/w/NjI2MTM0NjE3Nzha/t/all)
Numerical control and CNC machines	Smartmech, pp. 160-161 'What is CNC machining and how does it work?' (https://classroom.google.com/w/NjI2MTM0NjE3Nzha/t/all)
Autonomous cars	Smartmech, p. 168 'Driverless cars' (<i>Cult</i> , p.70)

Geography	
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The UK – Quick facts	(SmartMech, pp. 210-211) 'How to understand the difference between the UK and Great Britain' http://learnenglish.britishcouncil.org.cn/ar/node/1858?page=3
Geography of the UK	'The East of England', 'The Midlands', 'The North of England', 'The South of England', 'Scotland', 'Wales', 'Northern Ireland' (SmartMech, pp. 212-213)
Climate in the UK	SmartMech, p. 218

History	
A brief history of the UK	Smartmech, pp. 222-223
The industrial revolution and the Victorian period	SmartMech, p. 224
Living and working conditions in Victorian Britain	SmartMech, p.225
The British Empire	SmartMech, p. 226
Key moments in the 20 th century	SmartMech, p. 227
Brexit Britain	European Union Fast Facts https://edition.cnn.com/2013/06/06/world/europe/european-union-fast-facts/index.html 'Brexit explained in 13 words' https://www.youtube.com/watch?v=ntm5Xtfk_p4 'English: Brexit!' (https://www.youtube.com/watch?v=5H2xPk8igYM) 'Brexit' Lettura dello script dello spettacolo teatrale al quale la classe ha assistito

Economy	
UK Economy	'Natural resources and energy', 'Agriculture', 'Forestry', 'Fishing' (Smartmech, pp. 236-237)
Mass production	'The assembly line' (SmartMech, p. 230) 'The evolution of mass production' (fotocopie) Ford Model T – One hundred years later (https://www.youtube.com/watch?v=S4KriMZpwCY)
Fordism & Taylorism	fotocopie
Industry and manufacturing	(Smartmech, p. 238)
Case studies	'Rolls-Royce, Jaguar and Bentley' (fotocopie) 'Nissan's Sunderland revolution' (Smartmech, p. 239)
Service Sector	(Smartmech, p. 240)
Effects of Brexit on UK Economy	'Brexit: what trade deals has the UK done so far?' (https://www.bbc.com/news/uk-47213842)

School-Work experience	
Work placement	Work-placement diary Reviewing and evaluating your school-work experience

Lucca, 1 giugno 2020

L'insegnante
Cinzia Gaggiotti

Gli alunni