

**Programma 5ATM**  
a.s. 2019/2020  
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Materiale didattico: Cult, ed. CIDEB BLACKCAT  
Working with New Technology , ed. Pearson/Longman  
Fotocopie / video

<b>The Environment</b>	<b>Brani / video</b>
Global warming	Key words (fotocopia)
Environmental problems	'Earth: You need it more than it needs you' (Cult, pp. 222-223)
Electronic Waste	Documents on <a href="http://dreamreader.net/lesson/electronic-waste/">http://dreamreader.net/lesson/electronic-waste/</a>
Environmentalists Teach Dos and Don'ts of E-Waste	<a href="https://www.npr.org/templates/story/story.php?storyId=17988109">https://www.npr.org/templates/story/story.php?storyId=17988109</a> (video and tapescript)
WEEE information pack	Fotocopie da <a href="https://jointhepod.org/teachers/other/e-waste-information-pack">https://jointhepod.org/teachers/other/e-waste-information-pack</a> "How is Electrical and Electronic Equipment produced?" "How is WEEE recycled?"

<b>History</b>	
<b>Documents of the I world war</b>	
Wilson fourteen points	fotocopia
Events of the II world war	
If it hadn't happened Hiroshima and Nagasaki	Cult pg 204,

<b>Automation</b>	
How automation works (key words)	Cult pg 120,121
Advantages of automation	Cult pg 122
Programmable Logic Controller	Cult pg 123
Automation in operation: a heating system	Cult pg 124
The development of automation	Cult pg 125
Henry Ford and his assembly line	Video <a href="https://youtu.be/qFbsDArAWj8">https://youtu.be/qFbsDArAWj8</a> fotocopia
Henry Ford and his employees	fotocopia
Charlie Chaplin and his social denounce	Video (da Modern Times) e fotocopia
One hundred and three years ago today Henry Ford introduced the assembly line: his workers hated it	Article online <a href="https://www.smithsonianmag.com/smart-news/one-hundred-and-three-years-ago-today-henry-ford-introduced-assembly-line-his-workers-hated-it-180961267/">https://www.smithsonianmag.com/smart-news/one-hundred-and-three-years-ago-today-henry-ford-introduced-assembly-line-his-workers-hated-it-180961267/</a>
Automation at work	Cult pg 127

Varieties and uses of robots	Cult pg 130
Robots in manufacturing	Cult pg 131
Case study: Opening an automated snack bar	Cult pg 139

<b>UK Politics (cittadinanza e costituzione)</b>	
Brexit	fotocopia
Brexit and Curry chefs	fotocopia
How the magna carta created the pint of beer	fotocopia
Brexit key words and facts	Fotocopia e video

<b>Literature</b>	
Oscar Wilde	Main points of his life (fotocopie)
The last chapter of "The Picture of Dorian Gray" "Dorian's death" Main themes	fotocopie
"Dorian kills Basin"	Analysis of the scene form the movie
<b>INDUSTRY 4.0</b>	
Industry 4.0 and the four industrial revolutions	Video <a href="https://www.youtube.com/watch?v=yKPrJJSv94M&amp;t=10s">https://www.youtube.com/watch?v=yKPrJJSv94M&amp;t=10s</a>
The fourth Industrial revolution	Working with new technology pg 236 Vocablab pg 237
Foundations of Industry 4.0	Working with new technology pg 239
<b>MICROPROCESSORS</b>	
What is a microprocessors?	Working with new technology pg 106 Vocablab pg 107
How a microprocessor works	Working with new technology pg 108
Logic gates	Working with new technology pg 109
Reading a data sheet	Working with new technology pg 116, 117
<b>Work Placement</b>	
<b>The cover letter and the interview</b>	Working with new technology pg 270
How to write a good cover letter /e-mail	Working with new technology pg 271
The interview	Working with new technology pg 272