

Istituto Tecnico Industriale “E. Fermi”
Lucca

Inglese

Programma Classe : V BIF

A. S. 2018-2019

Prof.ssa Rocchina Romaniello

The four Industrial Revolutios: General features; Focus on the fourth

Mass Production and the Assembly line

Literary and Historical link: The Roaring twenties (l’Età del Jazz e lo sviluppo della “Assembly line)

The Great Gatsby, movie link

Modern Times, movie and comment; by **Charlie Chaplin** (link con la catena di Montaggio)

Mass Production and the Assembly line

The Great depression: Wall Street Crash and The New Deal

Movement of Civil Right : Nelson Mandela

How the Internet Developed

Use The Internet Safely

Steve Jobs and the Silicon Valley

Encryption and Alan Turing p. 182

Cloud Computing

Industry 4.0 : Main features

Automation: Advantages of automation p. 122

Artificial intelligence and robots p. 134

Dal Testo: Cult B2:

Unit 9: Hiroshima and Nagasaki If it hadn’t happen

Unit 10:The Environment

Magazine 9-10 -Cowspiracy

Lucca, 03/06/2019

Docente: R. Romaniello

Answer the following questions

1) Why can't a US grid meet the increased demand of electricity?

2) Why did the neighbouring areas near "the Canadian border" fail to supply energy when this power failure happened in the area mentioned?

3) Why, notwithstanding the increasing demand for electricity in the US, The transmission capacity hasn't grown enough?

**The Fourth Industrial Revolution: Industry 4.0
Automation**

Robots: Variety and uses of robots

Dal libro: Cult B2

II a Guerra Mondiale e L'atomica
L'Ambiente e i mutamenti Climatici
Cowspiracy

Lucca, 02/05/2019

Docente: R. Romaniello

Answer the following questions

1) Why can't a US grid meet the increased demand of electricity?

2)Why did the neighbouring areas near “the Canadian border” fail to supply energy when this power failure happened in the area mentioned?

3)Why, notwithstanding the increasing demand for electricity in the US, The transmission capacity hasn't grown enough?

4)Why did the system work better before deregulation?

5)What many electricity companies should have to be encouraged to make new investment?
