



Istituto Statale Istruzione Superiore  
"Isaac Newton" - VARESE



URS is a member of Registrar of Standards (Holdings) Ltd.  
United Registrar of Systems Certificate No. 35520/A/0002/UK/11

A.S.2016/2017

**PROGRAMMA DIDATTICO DI \_\_\_\_\_ INGLESE \_\_\_\_\_**

DOCENTE \_\_\_\_\_ ALBA FRANCESCO \_\_\_\_\_ CLASSE \_\_\_\_\_ 3B MECC \_\_\_\_\_

N.° ore teoriche	N.° ore pratiche	N.° ore totali	N.° ore previste
		94	

**Contenuti**

**Technical area.**

Definition of Energy. Definition of renewable energy and non-renewable energy. Types of non-renewable and renewable energy sources. Listening activity: "geothermal power". Electricity: translation p.10-11. Materials and their properties: ferrous metals and non-ferrous metals. Tungsten and titanium: research work. F. Taylor and H. Ford. Taylorism and Fordism in industrial world and economy. Ceramics and cermet, Plastics. Millenium Bridge: research work. Nanotechnology. Types of steel. Bronze and brass: alloys. Machine tools and their operations. Cutting. Listening activity: 1)What is a milling centre? 2)Surface grinding centre. Four-stroke engine: step by step process with time sequencers. Its components. Diesel engine and its differences from the petrol engine.

**Grammar.**

Present perfect and present perfect continuous. Will-future. Going to-future. Present continuous future. Future perfect and future continuous. Past continuous with past simple. Relative pronouns. Used to, to be used to and to get used to (together with mother tongue teacher).

**Mother language lessons by Ms Jane Bowie.**

Do you fancy....ing? What are you keen on? I'm keen on....ing. Do you feel like.....? Used to, to be used to...ing, to get used to...ing. What did you think of....your school trip? Have you ever....? We promise to...we are going to..... Political campaign. Pollution.



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**Attività di recupero**

Ferrous and non – ferrous metals. Materials. Grammar.

Varese, li 7 giugno 2017

il Docente

Alba Francesco\_\_\_\_\_