**Classe 5ELT2**

**PROGRAMMA**

**Dal Testo : ENGLISH FOR NEW TECHNOLOGY ....**

atoms and electrons- conductors and insulators- the battery- types of batteries the fuel cell – a simple circuit- types of circuits- current voltage and resistance- tools- measuring tools- electricity and magnetism –simple application of electromagnetism-the electric motors- types of electric motors- methods of generating electricity- the generator- fossil fuel power station- nuclear power- hydroelectric power- wind power- solar power- geothermal energy- the distribution grid- the transformer- the domestic circuit-

**Dalle Fotocopie :**

 static electricity- magnet and magnetism-electromagnetism-magneto motive force- batteries- types of batteries-solar batteries-electrical circuits- series and parallel circuits –fuses-switches- relays- sensors- resistors- inductance-capacitance- capacitor- protection and prevention- voltage and current- IP protection classes-a nuclear power plant- advantages and disadvantages of nuclear power- chronicle of two big accidents- the gas fired power station-geothermal energy- what is a hot spot ? – the windmill-the hydroelectric power station-the transformer – multimeters -how a simple motor works-motors- electric motors- types of electric motors- DC and AC motors- the synchronous and the induction motor –dynamos- alternator

Como, 14 maggio 2018 :

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Docente

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Docente Alunni

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