

Allegato al modulo MD03R di inglese per la classe 5A TMM a. s. 2017-2018

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Module 1 Energy sources	Non-renewable energy sources Fossil fuel sources Petroleum: black gold Non-fossil fuel sources Renewable energy sources Inexhaustible sources Solar energy Wind power	10 12- 14 16 18-19 20
Module 2 Materials	Properties of materials Types of materials	30-31-32-33 34-36 (Non-ferrous metals) 38-39 (thermoplastic materials) – 41
Module 3 The Field of Technical Drawing	Drawing tools	50-51
Module 4 Machining Operations	Machine tools Machine tools classification Parts of a lathe Drilling Boring Milling Grinding	70 71 72 78 79 81 83
Module 5 Basic Metal Processes	Steelmaking – The steelmaking process Casting (die / sand / strand casting) Hot and cold processes Forging (SOLO primi 3 paragrafi) Extrusion Welding Brazing and soldering	94-95 96-97-98 100 102 104 108 110
Module 6 The motor vehicle	Drive train & chassis The four-stroke engine The diesel engine The electrical system & the battery The braking system The exhaust system Electric and hybrid cars Fuel cell cars	120-121 122 126 131 133 137 138 140

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