Anno scolastico	2025/2026
Disciplina	Lingua Inglese
Docente/i	Russo Sarah
Classe	4 B MM
Indirizzo	Meccanica

Contenuti/Attività svolte

Libri di testo: **I Mech,** Di Rocchi, Ferrari, ed. Hoepli - **World in Progress** di Ferruta, Rooney, Knipe, ed. Mondadori

Introduction *What is Mechatronics ?*	The rise of Mechatronics The profile of the Mechatronic Technician Where Mechatronic technicians work		
Units	**Contents**	**Vocabulary**	**Functions**
Unit 1 *Materials in Engineering*	Materials and their Properties Metals Polymers- Plastics and Rubber Other types of materials	Materials in Engineering	Describe and compare the properties of materials Understand and explain the different types of materials according to their properties Analyse, evaluate and describe the properties of objects Understand the presentation of a new project Develop critical thinking Describe the characteristics of a product
Unit 2 *Mechanical Drawing*	Technical Drawing Lines and other conventions Technical representations CAD	Mechanical drawing Measurements and calculations	Describe Technical Drawing and its basic tools Describe the main conventions used in technical drawing Describe the most important technical representations Describe CAD Develop critical thinking Give information about measurements and calculations
Unit 3 *Machining Operations*	Different types of Machine tools Drilling, Turning and Milling machines Other machine tools	Machine tools	Describe machine tools and their main parts Describe how machine tools work Develop critical thinking Ask for information
Unit 4 *Metalworking processes*	Metallurgy and Steelmaking The Basic Methods of Metalworking	Metalworking processes	Describe the principal metalworking processes Develop critical thinking
Civilization	The Geography of the USA The Regions of the USA *The Northeast* *The South* *The Midwest* *The West* New York and its boroughs		

	Top Sights in New York People in The USA Nations within the Nation: Native Americans

Milazzo, lì 05/06/2026

F.to il docente
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