

## Programma svolto A.S. 2020/21

CLASSE **5A** indirizzo di studio **COSTRUZIONI, AMBIENTE E TERRITORIO**

MATERIA: **INGLESE**

DOCENTE **CARLIZZI MARIA**

LIBRI DI TESTO IN USO Sguotti G., **SMART BRICKS**, Hoepli, 2018

Ross A., **INVALSI TRAINER**, De Agostini, 2019

<b>Module 2 HOUSES IN MODERN BRITAIN</b>		
Competenze di modulo	Abilità	Contenuti
<ul style="list-style-type: none"> <li>• Master knowledge about selling houses</li> <li>• Use specific vocabulary about British houses types, sale and documents</li> <li>• Understand written and spoken professional texts</li> <li>• Talk about houses, interact with a prospective buyer</li> </ul>	<ul style="list-style-type: none"> <li>• Reading: professional texts</li> <li>• Speaking: for communicative purposes; reporting technical topics</li> <li>• Listening: Informative oral texts Business conversations</li> <li>• Writing: Technical reports</li> </ul>	<ul style="list-style-type: none"> <li>• House types in Britain</li> <li>• House problems</li> <li>• How to sell a house</li> <li>• A house advert</li> <li>• A prospective buyer</li> <li>• Energy performance certificates</li> <li>• Building reports</li> <li>• International Valuation Standard</li> </ul> <p>Vocabulary</p> <ul style="list-style-type: none"> <li>▪ House types</li> <li>▪ House parts</li> <li>▪ House sale</li> <li>▪ House documents</li> </ul>
<b>Module 3 PLANNING AND MEASURING</b>		
Competenze di modulo	Abilità	Contenuti
<ul style="list-style-type: none"> <li>• Master knowledge about planning and surveying</li> <li>• Use specific vocabulary about techniques and instruments</li> <li>• Understand written and spoken professional texts</li> </ul>	<ul style="list-style-type: none"> <li>• Reading: professional texts</li> <li>• Speaking: for communicative purposes; reporting technical topics</li> <li>• Listening: Informative oral texts; Business conversations</li> <li>• Writing: Technical reports</li> </ul>	<ul style="list-style-type: none"> <li>• House building steps</li> <li>• Location and site drawings</li> <li>• Floor plans, elevations, sections</li> <li>• Bill of Quantities</li> <li>• CAD</li> <li>• Rendering</li> <li>• BIM</li> <li>• Mapping tools</li> <li>• Surveying systems</li> </ul> <p>Vocabulary</p> <ul style="list-style-type: none"> <li>▪ Planning</li> <li>• Measuring</li> </ul>

<b>Module 5 BUILDING ELEMENTS</b>		
Competenze di modulo	Abilità	Contenuti
<ul style="list-style-type: none"> <li>• Master knowledge about construction elements</li> <li>• Use specific vocabulary about functions and types</li> <li>• Understand written and spoken professional texts</li> </ul>	<ul style="list-style-type: none"> <li>• Reading: professional texts</li> <li>• Speaking: reporting technical topics</li> <li>• Listening: Informative oral texts; Business conversations</li> <li>• Writing: Technical reports</li> </ul>	<ul style="list-style-type: none"> <li>• Building structures</li> <li>• Foundations</li> <li>• Walls</li> <li>• Roofs</li> <li>• Floors</li> <li>• Stairs</li> <li>• Windows</li> <li>• doors</li> </ul> Vocabulary <ul style="list-style-type: none"> <li>▪ building structures</li> <li>• building elements</li> </ul>
<b>Module 6 HOUSE INSTALLATIONS</b>		
Competenze di modulo	Abilità	Contenuti
<ul style="list-style-type: none"> <li>• Master knowledge about house installations and sustainability</li> <li>• Use specific vocabulary on components and functioning</li> <li>• Understand oral and written professional texts</li> </ul>	<ul style="list-style-type: none"> <li>• Reading: professional texts</li> <li>• Speaking: reporting technical topics</li> <li>• Listening: Informative oral texts; Business conversations</li> <li>• Writing: Technical reports</li> </ul>	<ul style="list-style-type: none"> <li>• Building installations</li> <li>• Electrical systems</li> <li>• Heating systems</li> <li>• Ventilation and air conditioning</li> <li>• Plumbing systems</li> <li>• Drain-waste-vent systems</li> <li>• Sustainable houses</li> <li>• Smart houses</li> </ul> Vocabulary <ul style="list-style-type: none"> <li>▪ Building installations</li> <li>▪ Home renewable energy systems</li> <li>• Sustainable houses</li> </ul>
<b>Module 8 SAFETY AND RISKS</b>		
Competenze di modulo	Abilità	Contenuti
<ul style="list-style-type: none"> <li>• Master knowledge about site safety and environment risks</li> <li>• Use specific vocabulary about signs, devices and machinery</li> <li>• Understand written and spoken professional texts</li> </ul>	<ul style="list-style-type: none"> <li>• Reading: professional texts</li> <li>• Speaking: for communicative purposes; reporting technical topics</li> <li>• Listening: Informative oral texts; Business conversations</li> <li>• Writing: Technical reports</li> </ul>	<ul style="list-style-type: none"> <li>• Building a safe workplace</li> <li>• Collective protective devices</li> <li>• Site safety signs</li> <li>• Personal protective equipment</li> <li>• Building site machinery</li> </ul> Vocabulary <ul style="list-style-type: none"> <li>• Safety</li> <li>• Machinery</li> </ul>

<b>Workshops STARCHITECTS</b>		
Competenze di modulo	Abilità	Contenuti
<ul style="list-style-type: none"> <li>• Master knowledge about contemporary leading architects</li> <li>• Use specific vocabulary on architecture elements</li> <li>• Use technology as a learning tool</li> </ul>	<ul style="list-style-type: none"> <li>• Reading: professional texts</li> <li>• Speaking: reporting architecture topics</li> <li>• Listening: Informative oral texts</li> </ul>	<ul style="list-style-type: none"> <li>• Norman Foster</li> <li>• Renzo Piano</li> </ul>

<b>Esercitazione PROVE INVALSI</b> da ottobre a marzo	
Abilità	Contenuti
<ul style="list-style-type: none"> <li>• <b>Reading</b> livelli B1-B2 del QCER</li> <li>• <b>Listening</b> livelli B1-B2 del QCER</li> </ul>	<p>Le prove si basano sull'analisi di materiali autentici (testi e file audio) così da esporre gli studenti a una lingua naturale, quella a cui saranno chiamati a confrontarsi in situazioni di realtà dopo la fine della scuola secondaria di secondo grado.</p> <p>Gli ambiti di riferimento dei testi e dei file audio usati nelle prove sono ad esempio quelli attinenti alla vita sociale e professionale, al lavoro, all'ambiente e alla tecnologia.</p>

<b>Modulo EDUCAZIONE CIVICA</b> <b>Transforming our world: the 2030 Agenda for Sustainable Development</b> <b>Totale ore 6</b>	
Abilità	Contenuti
<ul style="list-style-type: none"> <li>• <b>Writing</b></li> <li>• <b>Speaking</b></li> </ul>	<p>Dopo una lezione introduttiva sull'Agenda 2030 e una discussione sullo sviluppo sostenibile, con del materiale a corredo condiviso su classroom, ogni studente ha scelto due obiettivi per ognuno dei quali ha individuato, dopo aver svolto una ricerca online, un <i>role model</i> che ha promosso delle attività volte al raggiungimento degli obiettivi scelti.</p> <p>Ogni studente ha prodotto un file, consegnato su classroom, dal quale è partita la discussione sulle scelte operate e le fonti consultate.</p> <p>La valutazione si è basata sul lavoro consegnato e sulla relativa discussione.</p>