



I.I.S. Galilei - Artiglio

PROGRAMMA SVOLTO

CLASSE: 5 D CV

ISTITUTO : **ISTITUTO DI ISTRUZIONE SECONDARIA SUPERIORE "GALILEI-ARTIGLIO"**
INDIRIZZO: **ISTITUTO TECNICO A INDIRIZZO TRASPORTI E LOGISTICA**
ARTICOLAZIONE: **Costruzione del Mezzo Navale**
OPZIONE: **Costruttori Navali**

A.S. **2023/2024**

DISCIPLINA: **LINGUA INGLESE**
DOCENTE : **SARA MILIANI**

MODULO N. 1 DEVELOPMENT OF SHIP TYPES

Contenuti disciplinari	- Classification of ships - Classification Societies - Periodical surveys - Steel vs aluminium hulls
MATERIALE	• DISPENSA: Development of ship types

MODULO N. 2 INTERNATIONAL REGULATIONS, CONVENTIONS AND CODES

Contenuti disciplinari	• Adopting a convention • MARPOL • SOLAS, COLREG, STCW
MATERIALE	• DISPENSA : IMO and International Conventions

Educazione Civica: BMW and Marpol - Raising awareness on biodiversity through the Ballast Water Management

MODULO N. 3 SHIP DESIGN

Contenuti disciplinari	• Basic Design of a ship (preparation of design and information provided by design)
MATERIALE	• DISPENSE 1. Basic Design of a Ship 2. Ship Geometry

MODULO N. 4 PUMPS

Contenuti disciplinari	• Definition and applications • Main parts • Describing technical diagrams
MATERIALE	• Libro di testo: Get on Board (Unit 11-12)

MODULO N. 4 THE CONTRACT

Contenuti disciplinari minimi	• What a contract is. • Procurement contract, an example
MATERIALE	• A contract: introduction • CONTRACT #1: for the supply and installation of the external polished stainless steels • CONTRACT #2: Construction contract (excerpt) • Technical Specifications: Metal carpentries outfitting and machinery installation

CLIL: THE INCLINING TEST

Materiale fornito dall'insegnante:

Tutte le dispense sono state condivise su G-SUITE (Classroom)

Viareggio, 04.06.2024

Docente Sara Miliani

