



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. 2022/2023

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

MODULO N. 3 SHIP DESIGN AND SHIPYARD PRACTICE

Contenuti disciplinari

- Basic Design of a ship (preparation of design and information provided by design)
- Shipyard layout

MATERIALE

- DISPENSE
 1. Basic Design of a Ship
 2. Shipyard practice
 3. Ship Geometry

MODULO N. 4 THE CONTRACT

Contenuti disciplinari riservati	<ul style="list-style-type: none">• What a contract is.• Procurement contract, an example
MATERIALE	<ul style="list-style-type: none">• 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

Educazione Civica: Goal 14 Life at sea - Ocean Oil Pollution: What did The Torrey Canyon disaster teach us?

CLIL: THE INCLINING TEST

Materiale fornito dall'insegnante:

<https://www.youtube.com/watch?v=TJCYxqv3YRc&authuser=0>

<https://www.marineengineersknowledge.com/2020/01/inclining-experiment.html?authuser=0>

Inclining test and lightweight check

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

Viareggio, 09.06.2023

Docente Sara Miliani

