



MARITIME FUTURES KS3



History

The development of Hull and the Humber as a maritime port

Science

Fresh vs salt water (diffusion)

Hoist the mainsail (antagonistic muscle pairs)

Science

Sacrificial protection for the hull, displacement reactions

Design & Technology

reading the signs... making signal pennants in textiles



Specialist Lessons: Morse Code transmitter project



Stage 1 Sailing RYA Youth Scheme 3 days

Science

Properties of sea water Adaptations of aquatic life

English

Tales from the sea, autobiographical writing

Geography

Flooding, Hull and the Humber coastal defences

Maths

2D shapes, area of sails



YR8

History

Hull Maritime Museum Visit

Stage 2 Sailing

RYA Youth Scheme

3 days

Science

How a compass works, navigating the sea

Science

Stopping the rot: rust and the conservation of mass



3D shapes, capacity and volume of hull design, containers, super yachts

Science

Sinking ships. Buoyancy, pressure and depth

English

Specialist Lessons: Ropes and knot work

> Creative writing, navigating the storm



Science

How do fish breathe underwater?

Art

Visual Diary, superheroes and the sea



Science

Metals and ship building

Geography

Coastal erosion study



YR9

PE

Fitness training for navy careers

how Hull has utilised the Humber, explore the city's relationship with water, our traditions as a Maritime school

Computer Science

Programming a morse code encoder and decoder



Ethics, Philosophy & Citizenship

Specialist Lessons: Terminology, types of vessel

> The ethics of Empire and Britain's maritime past



Science

Acid oceans



Science

Aquatic food webs, can the sea feed us all?

