

FLOATING AND SINKING

WHY DO SOME OBJECTS FLOAT AND SOME SINK? WHAT DESIGNS AND MATERIALS MAKE A BOAT FLOAT?



PROGRAMME OVERVIEW

Explore science concepts such as buoyancy, displacement, volume and density.

This educator-led workshop will see students explore floating and sinking through designing and building a simple boat and modifying its design to suit different cargo weights.

The hands-on workshop is complemented by a self-guided trail to discover the variety of vessels in and around the Museum. What purpose were they built for? What materials are they made of? Which shapes or design features work best? Students will work in small groups, led by their adult supervisors, to follow their own interests and learn at their own pace.

Combine this programme with a TED ASHBY sailing.

BOOK NOW bookings@maritimemuseum.co.nz | 09 373 0807 | Enquire online

CURRICULUM LINKS

Nature of Science, Physical World, Material World, Technology and society, Key Competencies.

LEVEL

Suitable for years 1 - 6

GROUP SIZE

Max. 3 classes per day

AVAILABILITY

All year

COST

\$5 per student