

2024 HSC Design & Technology MAJOR PROJECT

Designer Statement

Name

Madison
Eggs

Title

Boat Ladder

Area of Design

Product Design

The goal was to create an affordable, quality, ergonomic and functional boat transom ladder with a unique design. I wanted this product to be in an achievable price range compared to existing models that are quite expensive and do not function as required.

The boating environment can be very dangerous and a safe, easy-to-use ladder is very important to get out of danger in the event of an emergency. Boat users are often deterred from buying this vital piece of boating equipment due to inflated prices, poor aesthetics and boating regulations.

I aim to tick all these boxes with my design, using materials and techniques that deliver a product that has not been seen before in the market.