

SAVE OUR SEAS



DESIGN YOUR OWN SURFBOARD

ACTIVITY 1: DESIGN & TECHNOLOGY

Lesson Objective

- Learn the names for different parts of a surfboard.

Introduction

The first surfers lived on the island of Hawaii about 1500 years ago. The first surfboards were shaped from logs cut from trees.

The first boards seen in Britain weren't full-length surfboards, but short, wooden bellyboards.

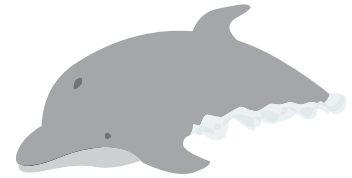
The first British homemade surfboards were called 'coffin lids' because of how they looked - and the fact that the local undertaker made them!

Duffy says,

"Every year over three quarters of a million surfboards are produced worldwide - almost all are based on petrochemical products."

Find out about the Eden Project's Eco-board

www.sas.org.uk/campaign/no_to_toxics/toxic_free_surfing.php



Modern boards

Most modern boards are made from fibreglass, foam and resin. The foam is polyurethane foam and is made by the petrochemical industry.

Boogie boards and Bodyboards

Boogie boards were invented in 1971. They are short and made from polyethylene foam.

Shortboard

Fast, fun boards. You can recognise these because they have three fins underneath.

Longboard

Large, stable boards. Good for days when the waves are small because they float really well. You can recognise them because they are 3m (9ft) or longer and have a round nose.



The eco-board

The eco-board was designed by staff at the Eden Project in Cornwall. It is made from balsa wood covered in hemp cloth and resin from an oil producing plant.



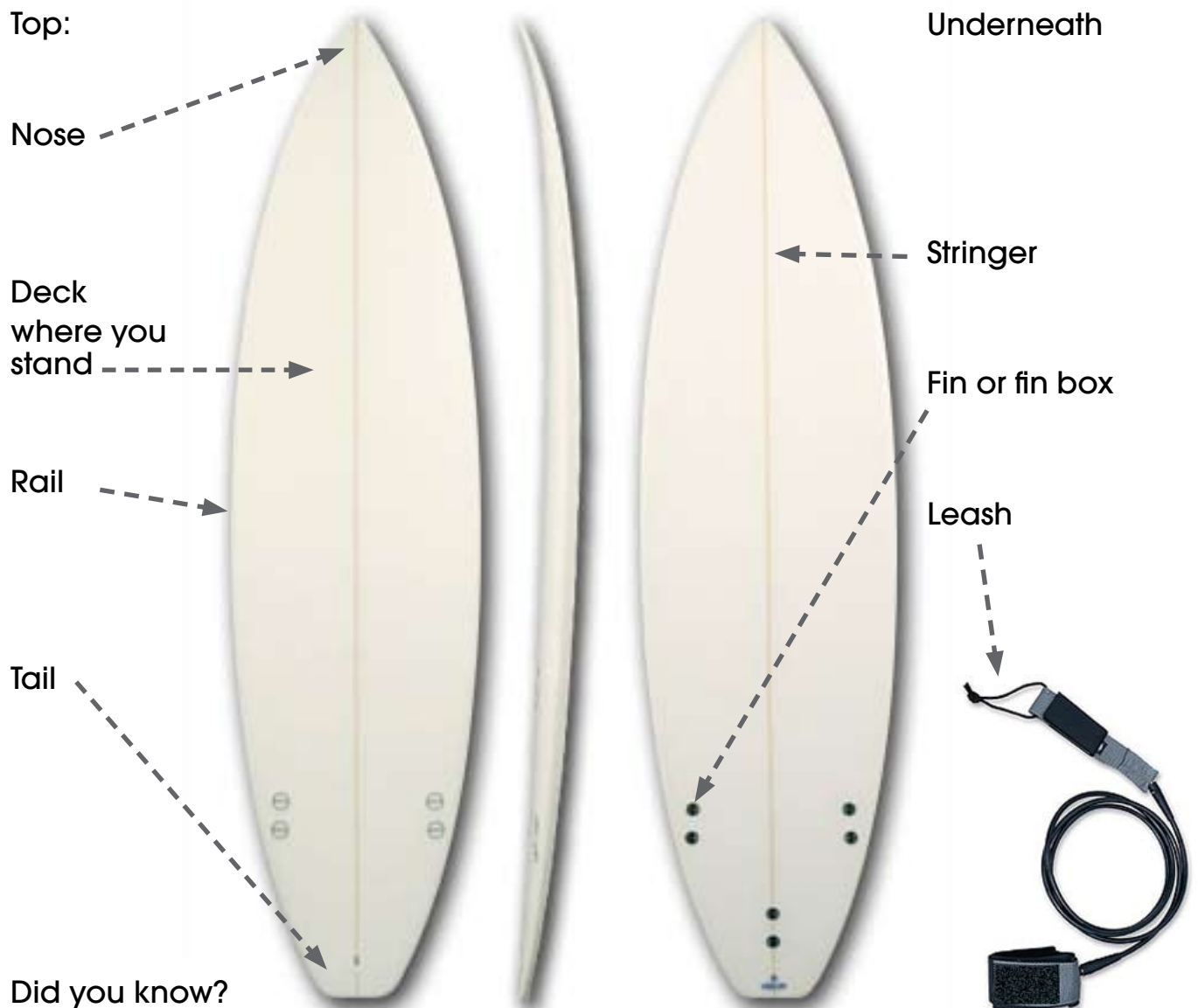
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Board vocabulary



Did you know?

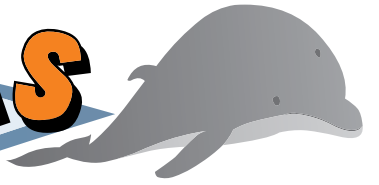
Early wooden surfboards could weigh up to 40 kilos. Today your polyurethane and fibreglass board is likely to weigh about 5 kilos. Bodyboards weigh even less – about 1.5Kg.

Design your own surfboard

Design your own surfboard. Choose the style of board and choose some decorations. Personalise it with your 'surfer' name: Ripping Rachel, Charging Charlie, Flying Findlay, Air Andy! Look at some of the **Longlife** boards on the following pages for inspiration.

You could also email your finished design to dearduffy@sas.org.uk. Each entry receives a free SAS sticker or Rip Curl key ring.

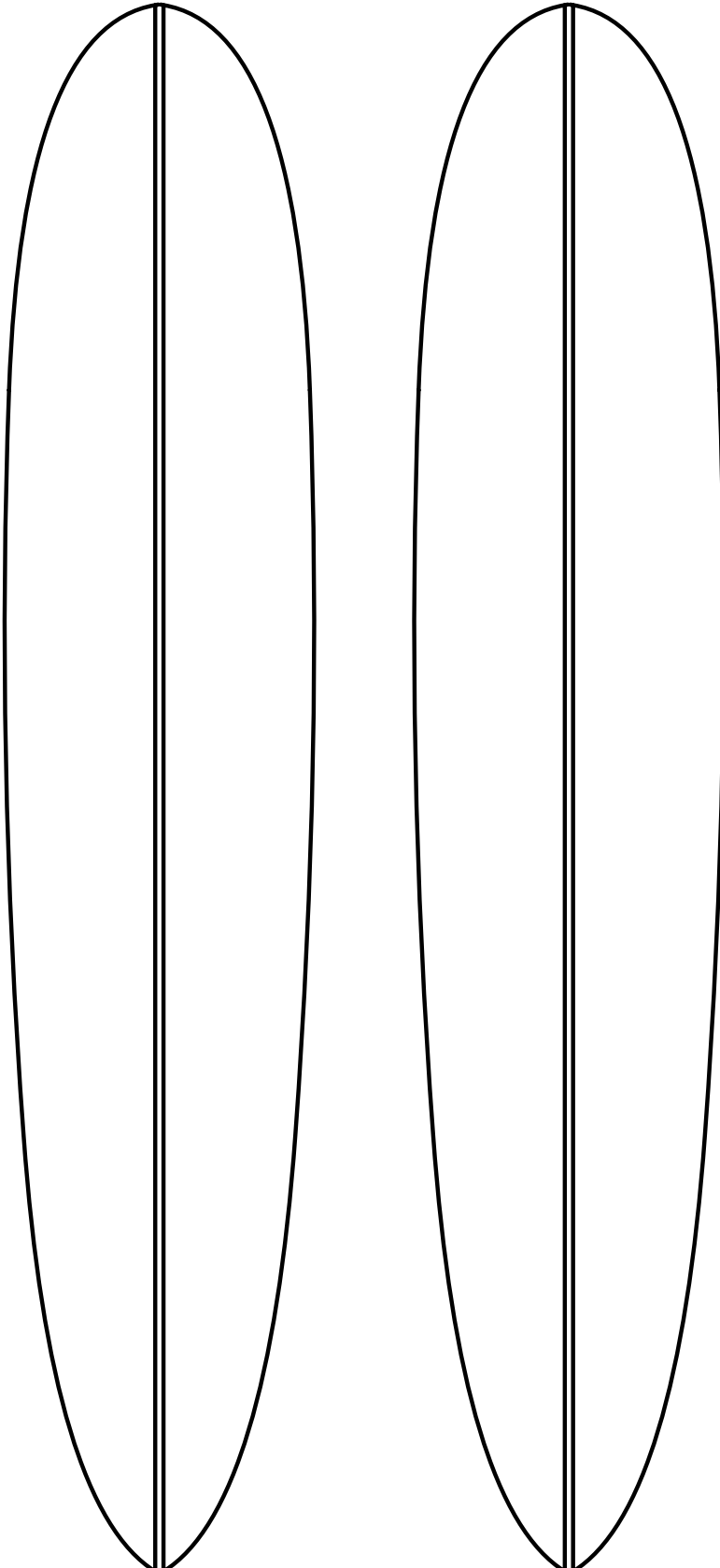
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Longboard - Top



Longboard - Bottom

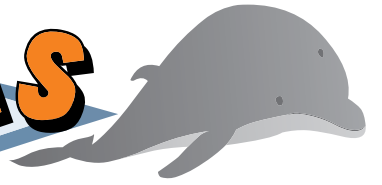


Damien Hirst



Laird Hamilton

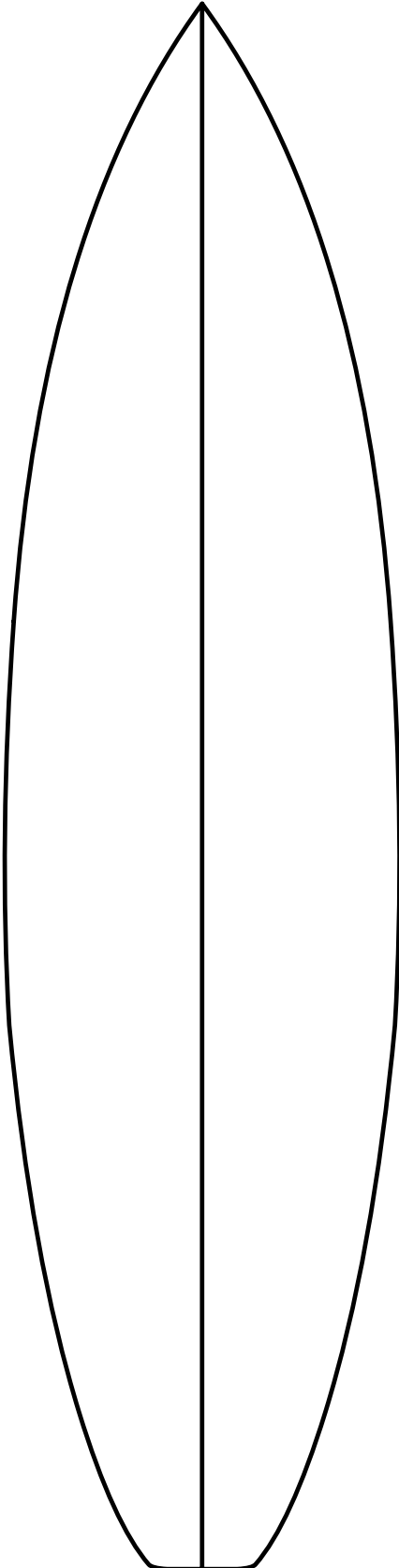
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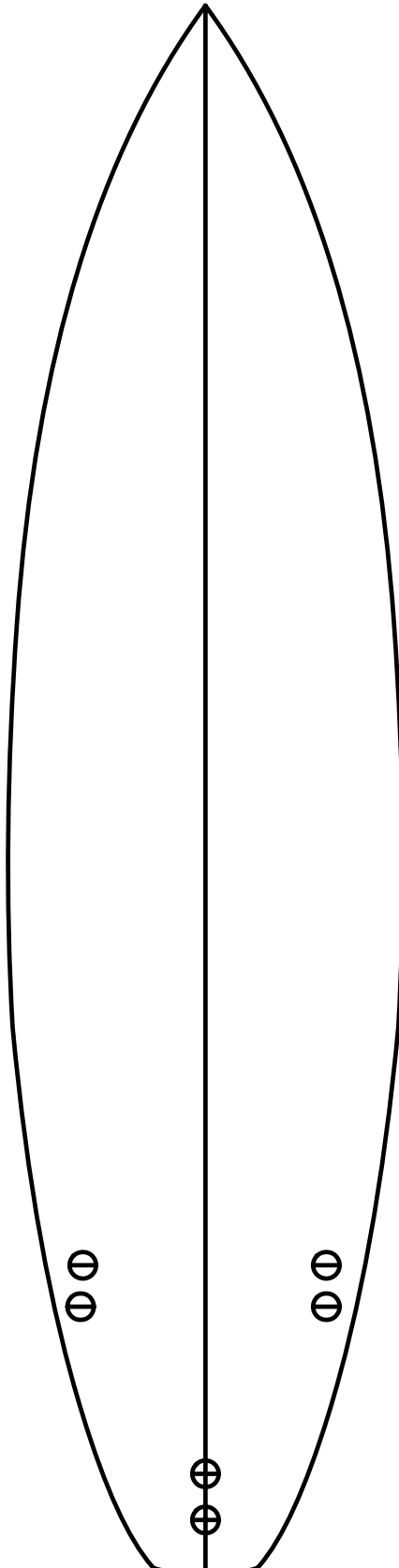
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Shortboard - Top



Shortboard - Bottom



Banksy



Adrenalin Magazine