

# Electric Boat Worksheet – Module 3

Names: \_\_\_\_\_

## RENEWABLE ENERGY

What proportion of our energy is used in transport?

90% of this energy comes from the same source – what is this source?

Suggest an advantage of changing over to electric vehicles.

## MATERIALS

Suggest some reasons why polystyrene foam sheet is useful for making a model boat.

## FORCES

Which force acts downwards on the boat?

Which force opposes this?	
Which force acts to slow the boat down?	
<b>MATHS</b>	
How do you calculate average speed?	
<b>EXTENSION QUESTIONS</b>	
What causes the boat to move forwards?	
Explain what is meant by a 'streamlined' boat.	