

Name: _____ Date: _____



Solar Powered Boat

Draw a shape that will float well

What is it made from? _____

Draw a shape that will sink quickly

What is it made from? _____

Materials to make a boat
Materials will need to f _____ and be w _____.

List some materials that you might use.



Name: _____ Date: _____



What will make a good boat?

List 5 'success criteria'

How will you make sure your boat is safe?
(write or draw a diagram)



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Electrical parts for my Solar Powered Boat

A diagram of the electrical circuit for my boat

Challenge: Use electrical symbols to draw your circuit



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My Solar Powered Boat Design

Remember: you need a tower for the propeller and a platform for the PV cells!



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Evaluation

How happy are you with your finished boat?



List 3 good points about your boat

1. _____

2. _____

3. _____

How could you improve your boat?

