Name: _____ Class:_____ Date:_____

Overall mark

Shark Attack

Question: How does water temperature affect the spread of blood through the water?

Your prediction:

Section 1 - Planning

1. What will be the independent variable? (What will you change?)

What will be the dependent variable? (What will you measure?)

What are the control variables?
(What will you keep the same to make it a fair test?)

2. Describe how you will carry out the experiment.

(Name the key equipment you will use and talk about how you will measure your results)

3. Are there any risks and hazards with the experiment and how will you minimize them?

What is the hazard?	How could it be dangerous?	How will you reduce the risk?

Section 2 - Results

4. Record your results in a table.

5. Draw a graph of your results.

Remember to label your axes and include the correct units.

Section 3- Conclusions

6. Can you describe your results? What happens as the temperature of the water is increased?

7. Can you explain why the blood spreads through the water at different speeds depending on the temperature?

8. How could the experiment be improved to get better or more reliable results?