

**Year 8 Surfboards to seaweed
Practical Assessment Task
Fishing Rod Project**

The Project

a) Practical. (20 Marks) This part will be done in class time.
Each student will construct a fishing rod from the provided materials.

b) Report outlining the design process and construction procedure. (20 Marks)

This part will be done at home.

Students' reports must include the following sections.

In each section you need to answer the questions listed.

Marks

- | | | | |
|-----------|---|--|-----|
| 1. | Aim. | | |
| | What did you set out to achieve? | | (1) |
| 2. | Design | | |
| | a) How and why did you choose your design? | | (2) |
| | b) Explain how your rod works | | (2) |
| | c) Include a scale diagram (including measurements) of your project. | | (2) |
| 3. | Procedure. | | |
| | a) Include a list of materials and equipment used. | | (1) |
| | b) Set out in numbered steps, in order, the procedure you used to make the item. | | (2) |
| | c) Include diagrams (or photos) to illustrate the process. | | (2) |
| | d) List any risks (dangers) and what you did to ensure your safety. | | (2) |
| 4. | Conclusion. | | |
| | a) Did your rod design under go any modifications during the manufacturing stage?
Explain. | | (2) |
| | b) Did you encounter any problems? What were they? | | (2) |
| | c) Describe any further changes you would recommend to the designing or
manufacturing process to improve this project. | | (2) |

Assessment

This task forms part of the practical component of your Year 8 assessment

Completion Date

Rod and accompanying reports must be handed in for marking on or before

Friday 20/11/09