

Year 9 Oceans Alive
Practical Assessment Task
Fish Trap Project

The Project

a) Practical. (20 Marks) This part will be done in class time.
Each student will construct a fish trap from fencing wire and prawn netting.
The trap must be suitable for catching small bait fish

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 trap 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 trap design undergo 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 (40%) of your Year 9 assessment

Completion Date

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