



Pathfinder Honour: Workbook

Marine Invertebrates 1



Name:

Club:

Date Started:

Date Completed:

Instructor Name:

Signature:

Club Director's Name:

Signature:

Please Award Patch:

Date:

To be signed by Authorised Person (ie District Director for Pathfinders) after satisfactory completion. Leaders, please see the Assessment Sheet for a checklist of practical requirements and a short test to check knowledge of honour.

Date Patch Presented

Marine Invertebrates 1 Honour

Requirement 1 What is a Marine Invertebrate

Requirement 2 Identify and observe in their natural environment 10 Marine Invertebrates with at least one example from at least three different phylum. Some of the most common phylum into which Marine Invertebrates are classified are:

- **Porifera (sponges)**
- **Cnidaria (jellyfish, anemones, hard and soft corals, hydroids)**
- **Mollusca (bivalves, gastropods, chitons, nudibranchs, sea hares, octopus, cuttlefish, squid)**
- **Arthropoda (crabs, hermit crabs, prawns, shrimps, barnacles)**
- **Echinodermata (starfish, brittle stars, feather stars, sea urchins, sea cucumbers)**
- **Annelida (bristle worms, tube worms)**
- **Platyhelminthes (flat worms)**
- **Nemertea (ribbon worms)**
- **Chordata (ascidians or sea squirts)**

Please complete the Marine Invertebrate 1 Identification and Observation Sheet

Requirement 3 Describe an interesting or unusual fact you have learned about the animals observed in Requirement 2, for example, how it feeds, how it moves, how it reproduces, or any other interesting or unusual fact.

Please complete the Marine Invertebrate 1 Identification and Observation Sheet

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Requirement 4 There are many interesting relationships between marine invertebrates and other marine invertebrates or other sea creatures (eg the clown fish and the anemones). Choose three such relationships and write a paragraph about each of them.

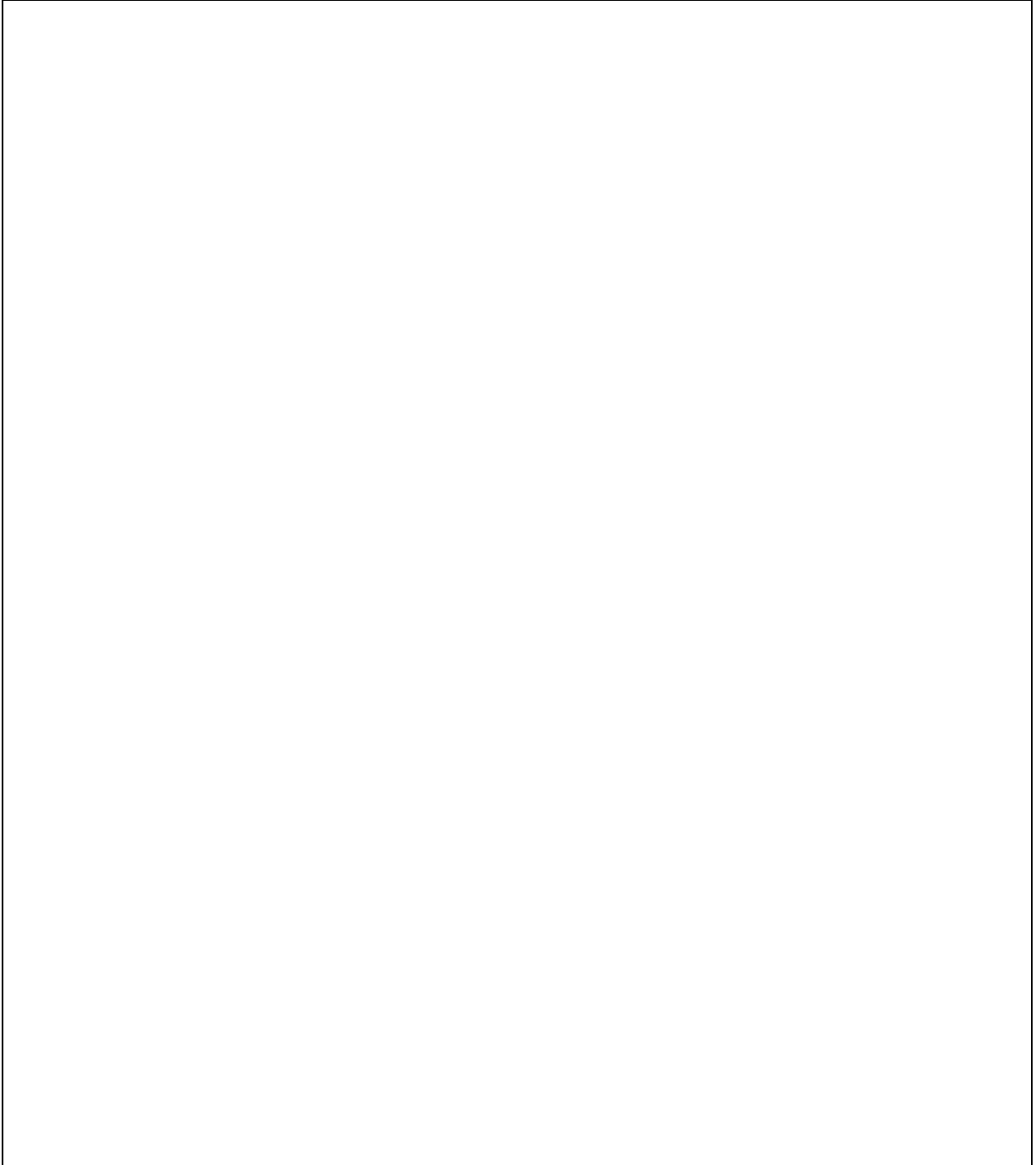
1.

2.

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Requirement 5 Visit a marine habitat at night and by means of a flashlight, observe the activity of animals on shore and in the water and present a written report on your observations.

A large, empty rectangular box with a thin black border, intended for students to write their report on observations from a night visit to a marine habitat.

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Requirement 6 There are many dangerous marine invertebrates. Identify at least three that are found in your area and tell why they are dangerous.

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