



Inside a Fish

(Outreach)

PRE-VISIT INFORMATION FOR TEACHERS

Inside a Fish (outreach) is a hands-on marine science outreach program that uses an interactive science experience to engage and inspire students to develop a new appreciation for marine science and the marine environment. The students will have the chance to dissect a fish in their own classroom while exploring its internal and external anatomy. They will use scientific instruments to cut open and investigate the inner workings of a fish. They will learn about the various organs that fish have and their function.

This is an outreach program that comes to your school. During this one and a half hour program a Marine Education Officer will guide students through the dissection and the science of the fish's anatomy. The program is designed for students in Years 5-6 and Years 7-10, and can be tailored to suit your curriculum needs.

It is important that teachers read and understand this pre-visit information and what is required for the delivery of the program.

Thank you.



**Australian
National
University**

a proud sponsor of the Sapphire Coast Marine Discovery Centre

PRE-VISIT INFORMATION

Program duration	1.5 hour (plus set up and pack up time)
Program cost	\$250 per session (maximum of 30 students per session)
Bookings enquiries	T: 02 6496 1699 E: education@sapphirecoastdiscovery.com.au

What the school needs to do prior to our visit

- Confirm the date, time and numbers for the school visit via email.
- Let us know of any special topics you would like covered in your session. We are happy to tailor the program to best suit your learning requirements.
- During the visit the students will work in groups of 3 to allow a better learning impact. Please arrange these groups prior to the visit to make organisation on the day simpler.
- Inform us if there are any seafood allergies within the group.

Program set-up and pack-up requirements

We will arrive 30 minutes prior to the start of the program, and will require access to the room to set up our resources. If we are running more than one program at your school, we would prefer to set up once and run the program for the different groups in one classroom. We will then need a minimum of 30 minutes to pack up. Any adult assistance with the set-up and pack-up of the program would be appreciated.

What we need on arrival

- A space/room to set up in. The room will need to be big enough to fit the students sitting around tables. If possible a non-carpeted room is best as the activities involved can get messy. A science laboratory will work best.
- Access to a projector or Smart Board to show the PowerPoint presentation.
- If you have dissection equipment we will need access to that before the program in order to set-up.
- Six tables in the room on which to set up the program (or benches if it is a lab).
- An adult available to show us to the room.

Post visit evaluation

We aim to provide a high quality program and feedback is a wonderful way to help us continually improve. During the visit a Marine Education Officer will provide each teacher with feedback forms. We ask that teachers fill these in thoroughly and honestly. The forms can be completed and handed back on the day, or returned to the Centre via email, fax or post. Contact details are provided on the forms.

Program related curriculum links

Australian Science Curriculum

Source: <http://www.australiancurriculum.edu.au/Science/Curriculum/F-10>

Year 5

ACSSU043- Living things have structural features and adaptations that help them to survive in their environment

AC SIS088- Use equipment and materials safely, identifying potential risks

Year 6

ACSSU094 - The growth and survival of living things are affected by the physical conditions of their environment

AC SIS105 - Use equipment and materials safely, identifying potential risks

Year 7

ACSSU111 - There are differences within and between groups of organisms; classification helps organise this diversity

ACSSU112 - Interactions between organisms can be described in terms of food chains and food webs; human activity can affect these interactions

ACSHE121 - Science understanding influences the development of practices in areas of human activity such as industry, agriculture and marine and terrestrial resource management

Year 8

ACSSU150 - Multi-cellular organisms contain systems of organs that carry out specialised functions that enable them to survive and reproduce

ACSHE136 - Science understanding influences the development of practices in areas of human activity such as industry, agriculture and marine and terrestrial resource management

Year 9

ACSSU175 - Multi-cellular organisms rely on coordinated and interdependent internal systems to respond to changes to their environment.

ACSSU176 - Ecosystems consist of communities of interdependent organisms and abiotic components of the environment; matter and energy flow through these systems

AC SIS170 - Use knowledge of scientific concepts to draw conclusions that are consistent with evidence

Year 10

ACSSU185 - The theory of evolution by natural selection explains the diversity of living things and is supported by a range of scientific evidence

AC SIS204 - Use knowledge of scientific concepts to draw conclusions that are consistent with evidence



School Group Feedback Form

School Name: _____

Teachers Name: _____ Year Level: _____

SCMDC Program: _____ Date: _____

Thank you for booking the Sapphire Coast Marine Discovery Centre. In order to provide quality programs into the future, we would appreciate your feedback.

Return by email education@sapphirecoastdiscovery.com.au or fax to (02) 6496 2404.

- 1) How did the program meet your expectations (Please circle appropriate number)

Worse than Expected

As Expected

Exceeded Expectations

1

2

3

4

5

Comments:

- 2) The program was helpful and informative (Please circle appropriate number)

Strongly disagree

Strongly agree

1

2

3

4

5

Comments:

- 3) The program content was relevant to the students learning (Please circle appropriate number)

Strongly disagree

Strongly agree

1

2

3

4

5

Comments:

Please turn over

