

# Marine Environments

## MODULE 4: Marine Environments

The student will travel to several location around the Langkawi islands and focus on the differing marine flora and fauna with a graduation of rivers to estuaries to shoreline to sea grass and to coral reefs. They will learn the connection between the land and the sea and how what happens on land will affect the sea and subsequently the livelihoods of those that depend on the sea, be it the fisherman or the tourism industry that Langkawi depends on.

They will learn aspects of biomimicry and participate in a workshop. They will conduct reef checks and other surveys and develop conservation project that they will continue to measure with all subsequent groups. They will discuss larger environmental issues like global warming and the effect that it will have on the delicate coral life.

### AIMS

A new appreciation of their marine environments

Understanding the interconnectedness of nature

How up stream activities effect down stream and marine life

Understanding environmental issues

Learn the scientific method

Develop a biodiversity database

Undertake conservation project

To become stewards of the islands

Learn aspects of biomimicry