

Teacher Maripi's Homepage

Hi, kids! This website was created to inform you of the activities you have to do in the course of a unit. Refer to it for guidance. It is updated regularly as we move from unit to unit within the school year. [Click here](#) to see the schedule.

Go to the navigation bar on the left to help you move from page to page.



[Click here](#) to see pictures of different corals.

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Maharlika Integrated School
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Answers to Riddles:
1. Sea urchin 2. Sea grass 3. Crab

Schedule

Day 1

Multimedia presentation: Exploring Our Coral Reefs.
Activity 1

Using a paper plate representing the Earth, pupils will construct a pie chart showing the land (1/4) & ocean (3/4) fractions of the Earth. The ocean fraction shall be divided further into two, one part representing the coastal zone where food from the ocean can be obtained. The fraction of the coastal zone where photosynthesis takes place shall be represented by dots. Coral reefs are located in this zone. After doing the pie chart, pupils shall locate on the globe the 25° North and South of the equator where these coral reefs are found.

Day 2

Film viewing on coral reefs.
Writing poems or short essays.
Homework: Research & Read

Day 3

Film viewing on human practices that destroy coral reefs.
Activity 2

Students will brainstorm on the possible consequences resulting from continuous practice of dangerous fishing methods, soil erosion due to deforestation, and heavy fertilizer use.

Day 4

Activity 3

Students shall think of ways to protect the coral reefs while playing the roles of: beach resort owner, lawmaker and fisherman.

Day 5

Talk on the effects of deforestation, soil erosion and heavy fertilizer use on coral reef productivity.

Day 6

Multimedia presentation: Making an advocacy plan

Day 7-8

Brainstorming on the advocacy plan

Day 8-9

Writing and preparing a multimedia presentation of advocacy plans

Day 10

Presentation of advocacy plans

Day 11-15

Working out the plan

Day 16

Launching of Advocacy Campaign

To get copies of Classroom activities email:
maripi@yahoo.com

Have I done everything I'm supposed to do?

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Coral Links

All About Coral Reefs

[Reefpix web site](#)

This site contains tropical fish pictures and information on the *Great Barrier Reef* via Port Douglas.

[Seaworld Adventure Parks® web site](#)

This link gives information on coral polyps' physical characteristics and sensory system.

[Enchantedlearning.com web site](#)

An overview on coral polyps is discussed in this link.

[Reefbase Online Information System](#)

This is an online information system on coral reefs to provide relevant data and information to reef managers, scientists and to the general public.

Coral Reef Threats General

[Coral Reef Alliance web site](#)

The Alliance talks about threats to coral reefs.

[Kent Russel's Homepage](#)

He is a BSc in Seed Biology student of Dalhousie University, Canada gives an overview of the human impacts that stress coral reefs.

[Department of Environment and Natural Resources \(DENR\) Philippines web site](#)

DENR raises alarm over the destruction of RP Coral Reefs.

[CyberDyaryo in Countrywide Development-Wide Area Network \(Philippines\) web site](#)

Michael A. Bengwayan of CyberDyaryo writes about the dying coral reefs of the Philippines as Landsat satellite pictures were shown during the conclusion of the 9th International Coral Reef Symposium held at Bali, Indonesia.

Photo Galleries

[Reefpix web site](#)

This site contains tropical fish pictures and information on the "Great Barrier Reef" via Port Douglas.

[Jeffrey Jeffords' Nudibranch Site and Coral Reef Gallery](#)

This link show's J. Jeffords' photo expedition in the Philippines.

[Gutsy Tuason's web site](#)

This award-winning photographer takes us into a magical under-the-sea world with his photos.

[Klaus Jost's web site](#)

K. Jost brings us to the tropical coral reefs of Maldives Islands and of Fiji through his masterful photos.

Organizations Protecting Coral Reefs

[CORAL web site](#)

The Coral Reef Alliance (CORAL) is a member-supported, non-profit organization dedicated to keeping coral reefs alive around the world.

[DENR web site](#)

Department of Environment and Natural Resources (DENR) is the official agency of the Republic of the Philippines in managing its natural resources.

[Haribon Foundation web site](#)

Haribon Foundation is a non-stock, non-profit & non-government organization dedicated to the environmental protection and sustainable resource management in the Philippines.

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Test Yourself?

Guess what organisms are referred to?

1. I look like a ball of long, black spines. Be careful not to step on me barefoot when you see me among the corals! I eat the algae growing on them. If I didn't, they would be overgrown with algae which would prevent sunlight from reaching the photosynthetic cells inside their bodies. Who am I? (Choose you answer from among the pictures in the border.



sea grass

2. I am a plant with long, ribbon-like leaves. I grow on sand between the coral reefs and land. Many young fish, shellfish, and other animals find shelter among my leaves. Later in their lives, they may move to the reef or deeper waters. Some just hide among my leaves during the day. At night, they feed on the reef. The *pawikan* and dugong feed on me! Who am I?



crab

3. I have 10 jointed legs and a hard body covering. Two of my legs, nearest my head, end in pincers that help me catch food — usually snails and other animals on the ocean floor. People love to eat my white flesh, after they remove the hard, rounded shell protecting my body. My legs are protected by this hard skeleton, too, and they have to use something hard to crack it before they can eat the flesh in my pincers. My two eyes are raised on stalks, looking like beads. Who am I?



sea urchin

[Click here for answers.](#)

Is there something you would like to ask?

Submit

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