

MARINE IDENTIFICATION EVENT

NOVEMBER 11 EVENT

General Description: Participants must become familiar with common organisms found in marine environments (beaches, dunes, rocky shores, tide pools, salt marshes). They will be expected to identify these organisms and answer questions about their taxonomy, biology, community, ecology or natural history. Slides of organisms will be shown with related questions. Specific common names will be used in identifying organisms as opposed to Latin names. If an answer is vague (If a team says crab for green crab), only half credit will be awarded. For taxonomic questions, only Phylum and Division names will be required. See example below.

A wise strategy would involve identifying the most common organisms of each environment and researching the above information on each one and placing this on index cards.

Example:



To what phylum of animals does this organism belong? **Echinodermata**
What special structures allow locomotion in this animal? **Tube Feet**

Common Organisms to Prepare:

Periwinkles(Rough, Common, Smooth)

Mussels(Blue, Horse)

Limpets

Hermit crab

Crabs(Green, Rock, Jonah)

Crumb of Bread Sponge

Sea Anemone

Sea Slug

Soft Shelled Clam

Razor Clam

Quahog

Hen Clam

Lobster

Sea Urchin

Sea Star(Common, Northern, Blood, Brittle)

Sea Cucumber

Whelk

Skate

Barnacles

Sea Peach

Slipper Shell

Bladder Rack

Knotted Rack

Sea Lettuce

Dulse

Beach Grass

Kelp (Horsetail, Sugar, Sea Colander, Winged)

Thatched Grass

Cord Grass

Maidenhair Algae

Laver

Coralline Algae

Irish Moss