Title: WHAT ARE THESE GARBLED WORDS

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Environmental Education Team

Grade Level: 3-6

Concepts:
2.Ecosystem

Disciplines:
1.Language Arts
2.Science

Objective:

Following a quick review of DCCA Fact Sheet No. 4, students will correctly identify the seven shoreline and marine associations of the Virgin Islands as evidenced by the completion of the activity sheet.

Directions:

1. Distribute the DCCA Environmental Fact Sheet No. 4; allow 5-10 minutes for review. Or, teacher may discuss the information on the Fact Sheet, with board illustrations or a transparency.

2. Collect the Fact Sheet, or after discussion, distribute the Activity Sheet; allow 10-15 minutes for completion.

3. Review, performance, with explanations as necessary.

4. Review importance to Island environment of such as salt ponds, mangroves, reefs.

Resources:

Shoreline and Marine Associations of the Virgin Islands, DCCA Environmental Fact Sheet No. 4:

E.T.

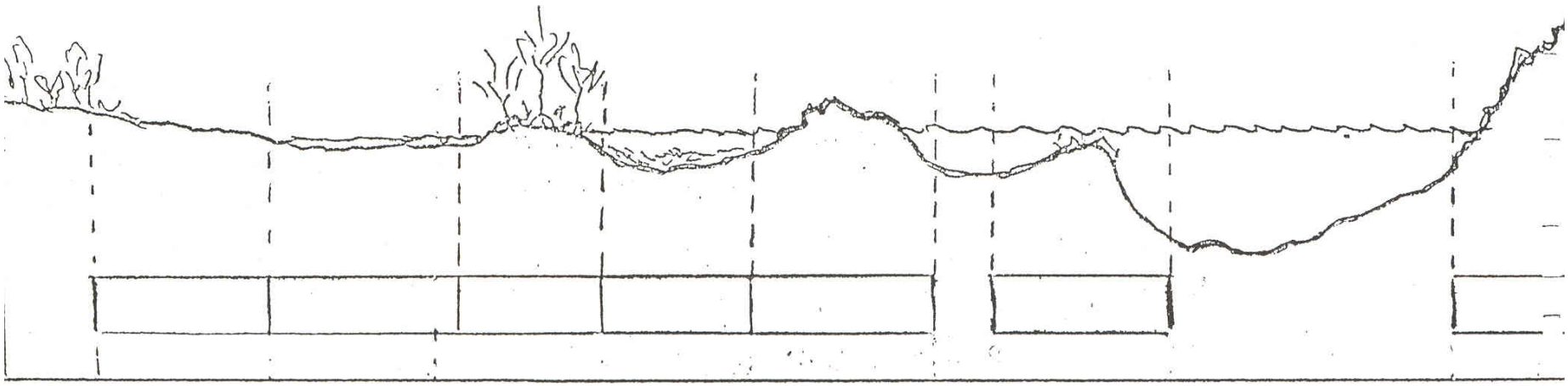
Name: _____

School: _____

WHAT ARE THESE GARBLED WORDS?

HOYSREOKLIRCNE - POLTNDSA - ACHBE - RONGVEMA - SBASEDGR - EFRE - YHOFSCAOFRE

1. Look at the shoreline and marine areas included in areas between vertical dash lines for clues.
2. Unscramble the words or terms above and print the correct words or term in the block within the appropriate dash lines.

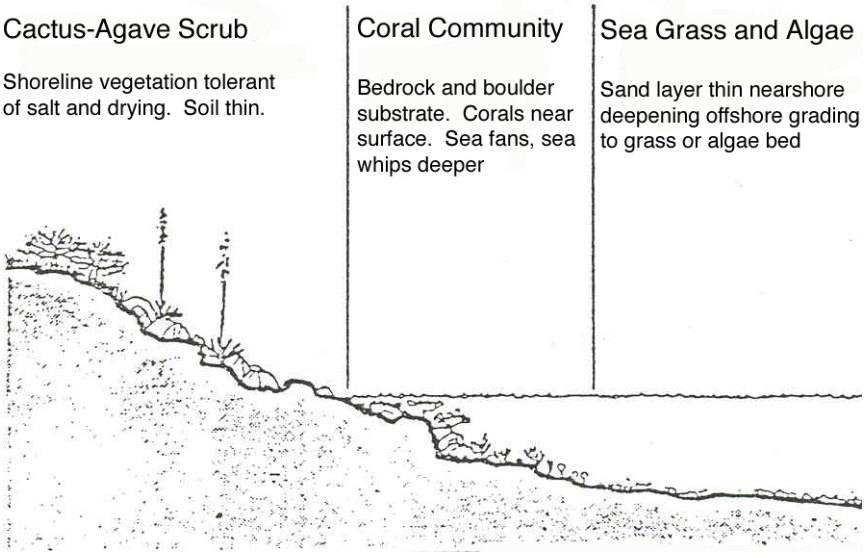


DCCA ENVIRONMENTAL FACT SHEET NO. 4
SHORELINE AND MARINE ASSOCIATIONS
OF THE VIRGIN ISLANDS

There are seven basic types of shoreline and marine habitats in the Virgin Islands: rocky shorelines, salt ponds, beaches, mangroves, grass beds, reefs, and off- shore cays. These natural systems, separately and in combination, perform countless valuable functions for man at no cost, drawing energy from the sun. They buffer storm winds and waves, stabilize and protect the shoreline with its expensive man-made infrastructure and facilities, purify water and offer an immense variety of diverse vistas and interesting wildlife and vegetation. These habitats and their associated processes support the safety, health, and welfare of every Virgin Island rids resident. Appropriate resource protection and management are imperative to maintain natural productivity, aesthetic and recreational values, as well as to preserve options for future generations.

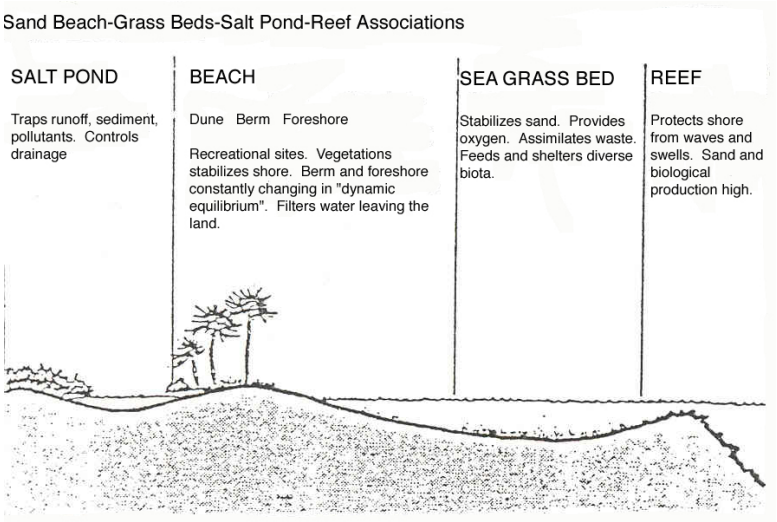
Each of those seven habitats are discussed in separate handouts. However, they are rarely found in isolation. They are generally associated in various combinations. Below are three of the most common associations, along a fourth association which is man-made.

Rocky Shoreline Associations

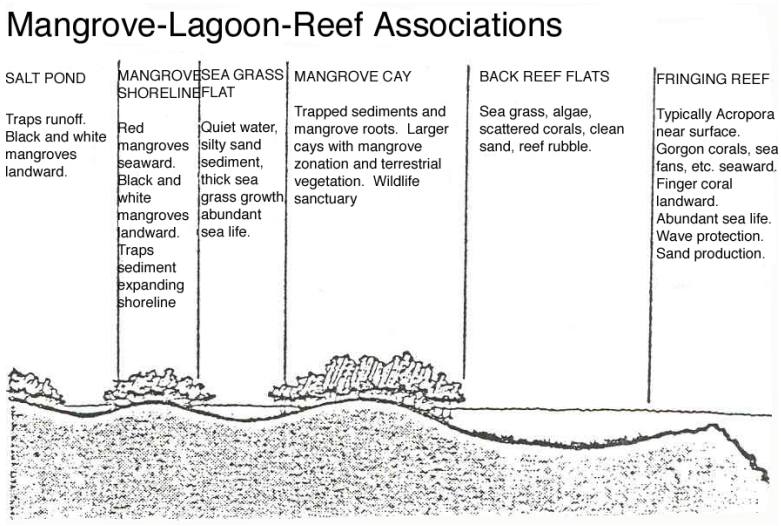
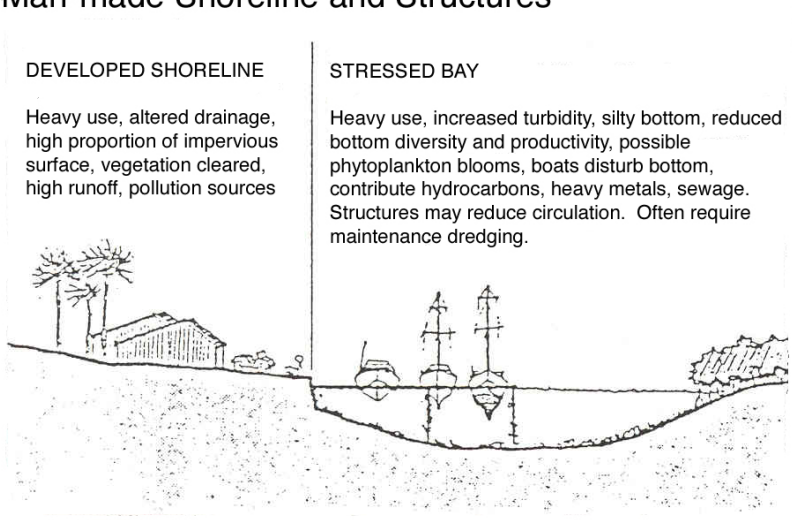


Island Resources Foundation, The Virgin Islands Marine Environment, V. I. Coastal Zone Management Program, Technical Supplement No. 1, 1976 . (Editor: Marsha McLaughlin, Policy and Planning Unit, DCCA. Further info.: Environmental Specialist, DCZM).

Sand Beach-Grass Beds-Salt Pond-Reef Associations



Mangrove-Lagoon-Reef Associations



Man-made Shoreline and Structures