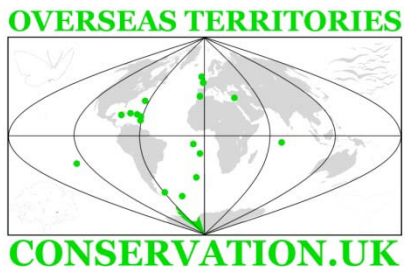
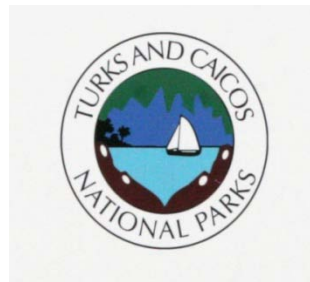


# Wonderful Water

Mangrove Ecosystems in TCI

## 6. Caring for Mangroves

Illustrations from the Pupils' Text Book



## 6. Caring for our Mangroves – Pupils’ Text Images



Map courtesy of Environment and Coastal Resources DECR

Protected Areas of the Turks and Caicos Islands, outlined in yellow.

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

**Boardwalks protect mangroves and support ecotourism.**

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

**Mangroves are a good habitat for birds, like this yellow warbler.**

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

Mangrove roots provide shelter for fish.

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

**Mangrove leaves provide food for some animals, and remove carbon dioxide from the air.**

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

Wilson's Plover chick sheltering amongst black mangrove pneumatophores.

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

Buttonwood seeds



## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

The Black Mangrove pneumatophores provide oxygen for the plant's roots.

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

Mangroves provide safe places for many birds, like this green heron.

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

*Coral reefs are protected by mangroves.*

#### 4. Threats to Mangrove Ecosystems – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

Seagrass beds are protected by mangroves.

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

**Marina developments can threaten mangroves by destruction and pollution.**

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Turks and Caicos Reef Fund

Protected areas and sustainable tourism save mangroves.

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Turks and Caicos Reef Fund

Snorkel trail tile in protected area, waiting restoration.

## 6. Caring for our Mangroves – Pupils' Text Images

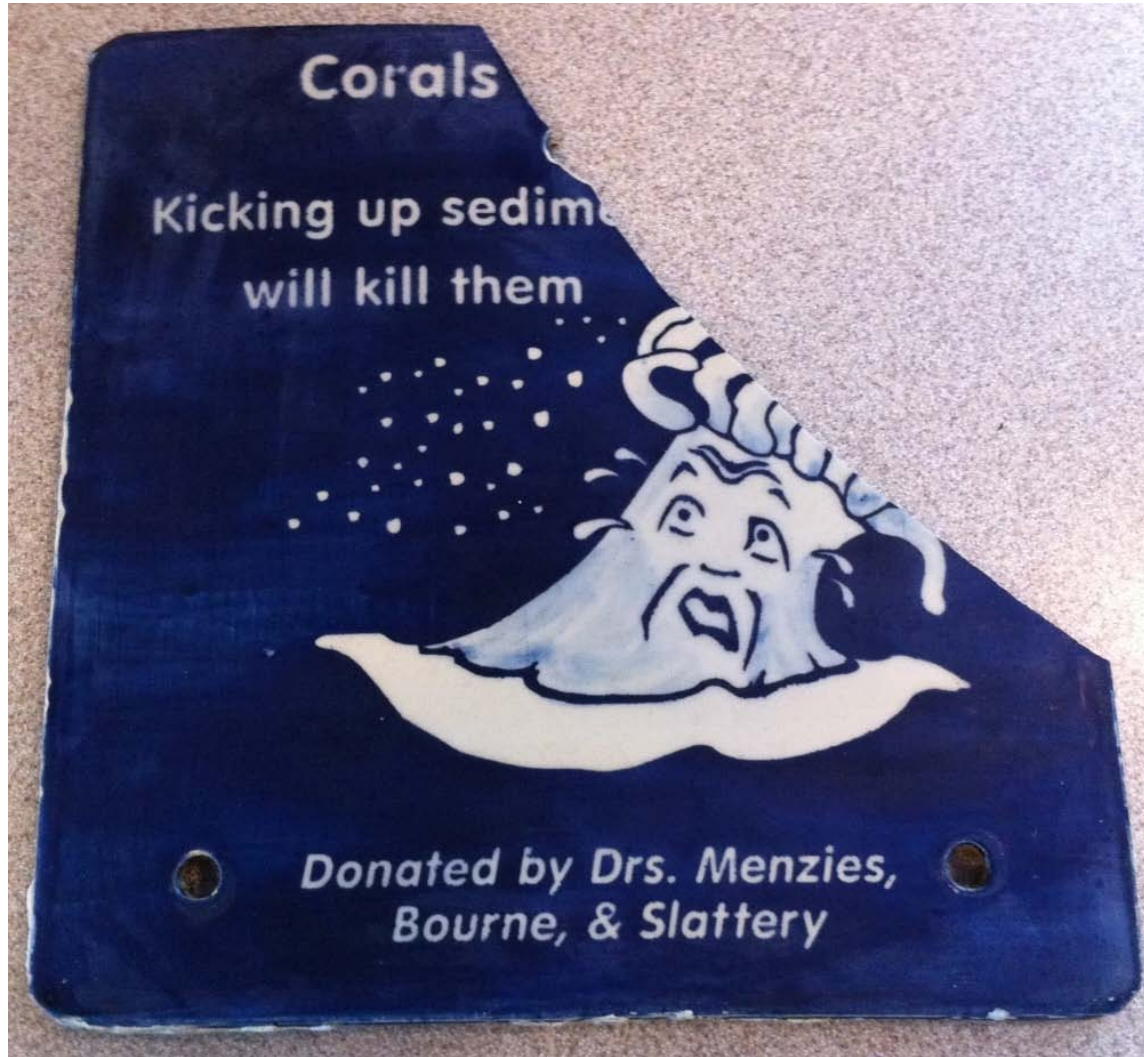


Photo © Turks and Caicos Reef Fund

Restored snorkel trail tile. Providing ecotourism opportunities is an important protection action.



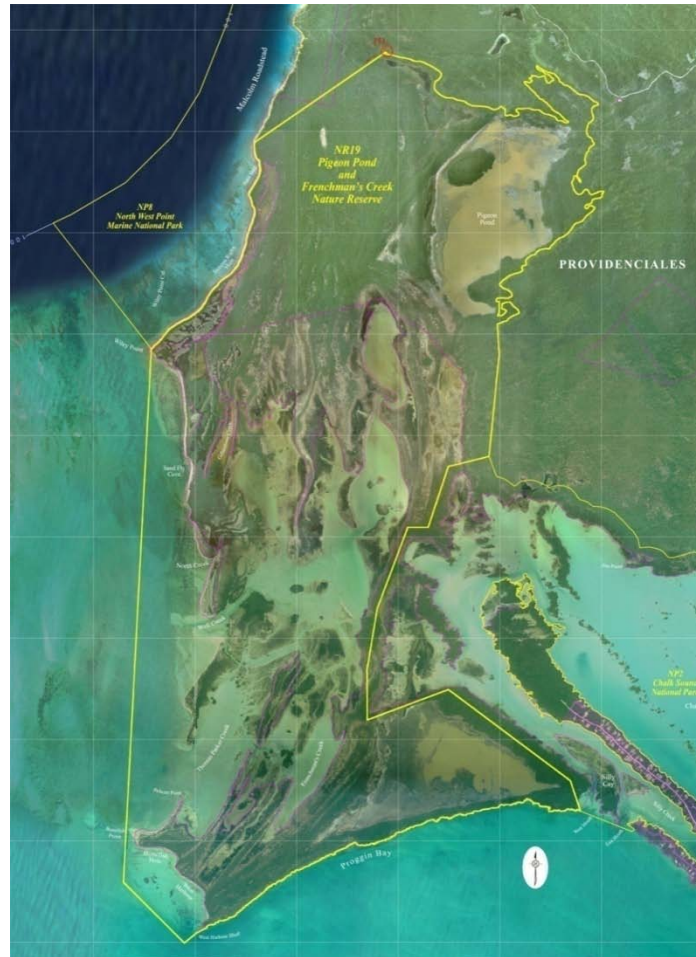
## 6. Caring for our Mangroves – Pupils' Text Images



Photo courtesy Stacie J. Steensland, TCI Environmental Club

Empty bleach bottles found in one week on Long Bay beach. Bleach kills fish.

## 6. Caring for our Mangroves – Pupils' Text Images



Map courtesy of Environment and Coastal Resources DECR

# Pigeon Pond and Frenchman's Creek Nature Reserve, Providenciales

## 6. Caring for our Mangroves – Pupils’ Text Images



Map courtesy of Environment and Coastal Resources DECR

# Princess Alexandra Nature Reserve, Providenciales

## 6. Caring for our Mangroves – Pupils' Text Images



Map courtesy of Environment and Coastal Resources DECR

# North, Middle and East Caicos Nature Reserve and Ramsar Site



## 6. Caring for our Mangroves – Pupils' Text Images

Map courtesy of Environment and Coastal Resources DECR

# South Creek National Park Grand Turk

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

**Red Mangroves (in water) and Black Mangrove (right) in South Creek,  
Grand Turk.**

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Mike Pienkowski

Photo © Dr Mike Pienkowski, UKOTCF

North Creek, Grand Turk, and important area for mangroves.

## 6. Caring for our Mangroves – Pupils' Text Images




Photo courtesy of Environment and Coastal Resources DECR


**Conservation actions include re-planting mangroves.**




## 6. Caring for our Mangroves – Pupils' Text Images



**CABLE & WIRELESS**



**TURKS AND CAICOS  
NATIONAL PARKS**



**Ministry of Natural Resources**

**MANGROVE ENHANCEMENT PROJECT**  
In collaboration with the Tele-Gathering Community Project  
of Tele-Gathering XIII

Date Planted: March 22, 2008  
Frenchman's Creek Nature Reserve  
Providenciales, Turks and Caicos Islands

For more information, please contact  
**Wesley Clerveaux, Director, DECR**  
Tel. No.: 941-5122/Fax No.946-4793

#### 4. Threats to Mangrove Ecosystems – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

The dump on Grand Turk

#### 4. Threats to Mangrove Ecosystems – Pupils' Text Images



Photo courtesy Mat Simson

Kayaking in mangroves.

#### 4. Threats to Mangrove Ecosystems – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

This lovely boardwalk in South Creek, Grand Turk, was destroyed by Hurricane Ike.

## 6. Caring for our Mangroves – Pupils' Text Images



This lovely boardwalk in Florida receives lots of visitors, which supports local businesses.

## 6. Caring for our Mangroves – Pupils' Text Images



Mangrove Bay golf course, Florida - but where are the mangroves?

## 6. Caring for our Mangroves – Pupils' Text Images



Photo © Dr Mike Pienkowski, UKOTCF

Signs like this tell people why mangroves are important.