Government of the Republic of Trinidad and Tobago

MINISTRY OF EDUCATION



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Government of the Republic of Trinidad and Tobago

MINISTRY OF EDUCATION

SOCIAL STUDIES LESSON

Standard 2

Preparing for a Tropical Storm or Hurricane

Objectives of this lesson

At the end of the lesson pupils would be able to:

- Define the term 'ODPM'
- Examine the role of the ODPM
- Identify important safety tips to be taken before, during & after the passage of a Tropical Storm or Hurricane
- Identify items in an Emergency Kit

In our previous lesson...

- We learnt that **Natural Events** are naturally occurring physical events.
- When these natural events cause damage to property or loss of life, they are called **Natural Disasters**.

Do you recall the following Natural Disasters from the previous lesson?

Hurricanes and Tropical Storms



Earthquakes





Flooding

Planning for Natural Events- Tropical Storms and Hurricanes

In this session we will focus on preparing specifically for Tropical Storms and Hurricanes



Your Experiences.....

Activity# 1

- Have you ever experienced a tropical storm or hurricane, as in the picture below?
- How did you feel?
- What did you do?





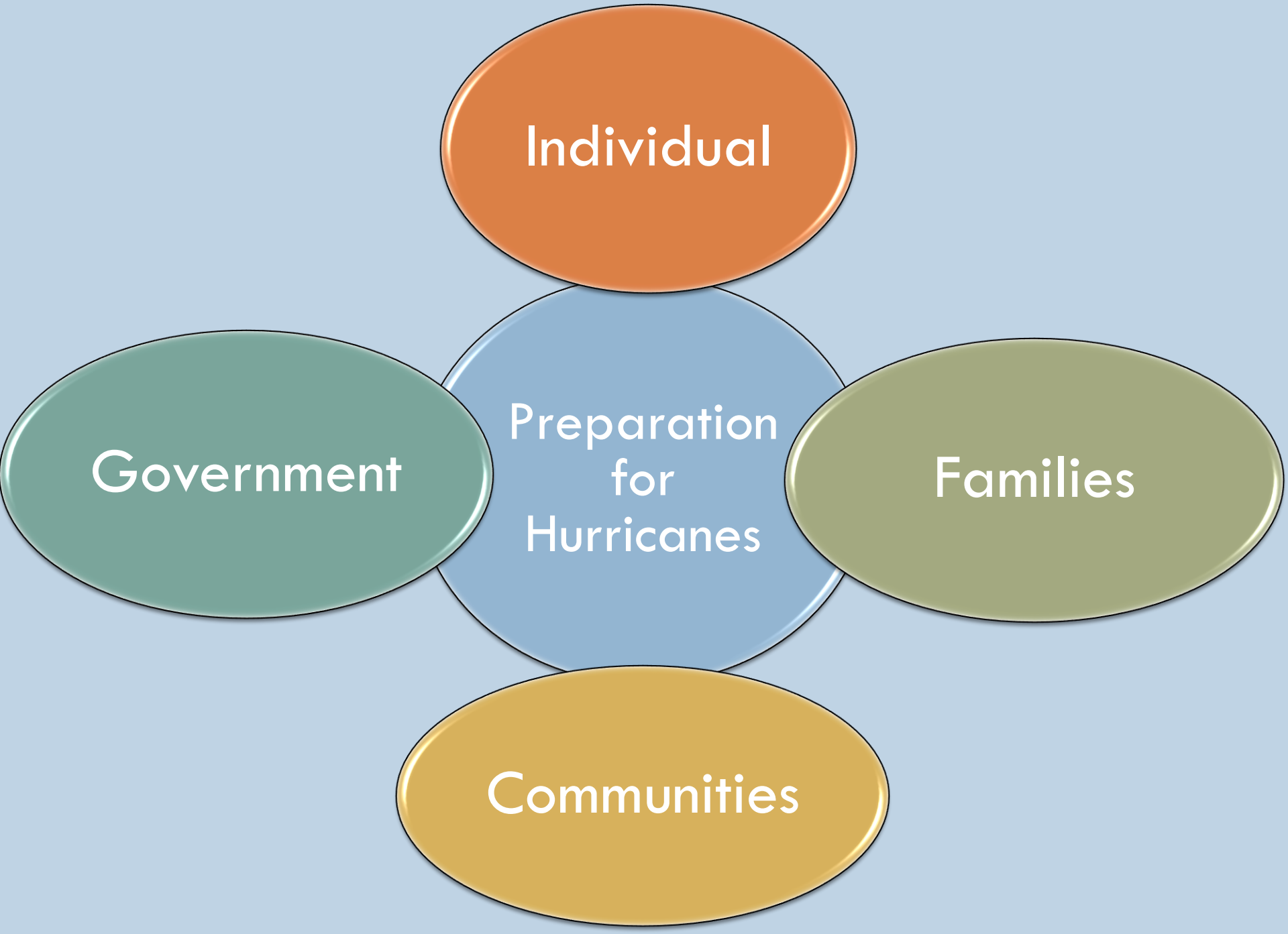
Quick Recap: Tropical Storms & Hurricanes

- Tropical storms and hurricanes are similar in their make up but are different based on the level or intensity.
- Tropical Storms are a body of clouds that move in a circular motion with winds between 63-117km/hr.
- Hurricanes occur when this body of clouds become larger and winds are beyond 118 km/hr.

Preparation for Tropical Storms or Hurricanes

"All Hands on Deck"




Individual
Government
Preparation for Hurricanes
Families
Communities

Preparation for Tropical Storms and Hurricanes- Role of the Government

The ODPM

(Office of Disaster Preparedness and Management)

is a division of the Ministry of National Security.



Preparation for Hurricanes- Role of the Government

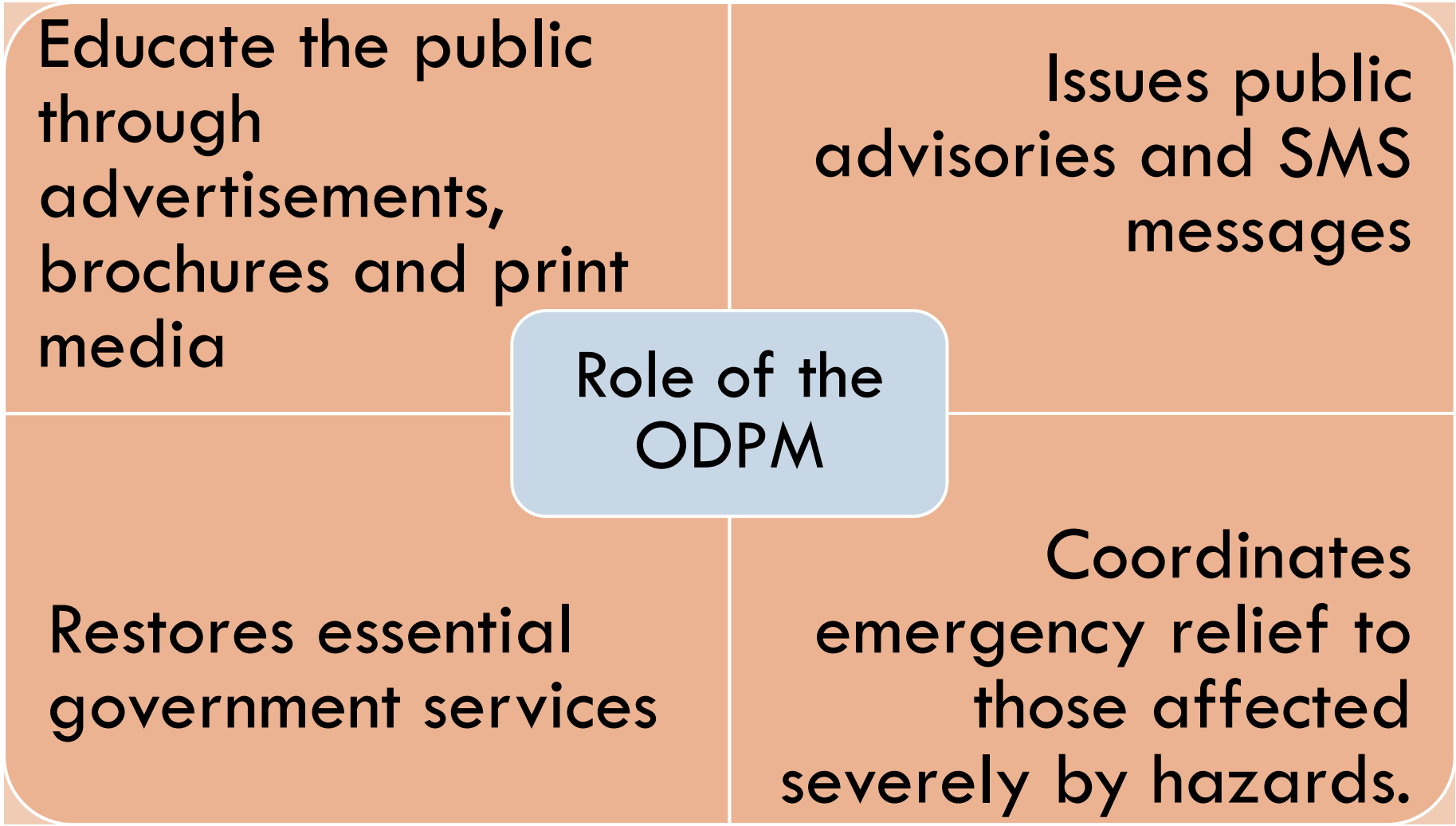
The ODPM

- Leads the national effort in mobilizing as the Coordinating agency for disaster management
  - The Protective Services
  - All Government Ministries and Agencies,
  - Non-Governmental Organizations,
  - Community and Faith- Based Organizations,
  - Resources





The Role of the ODPM

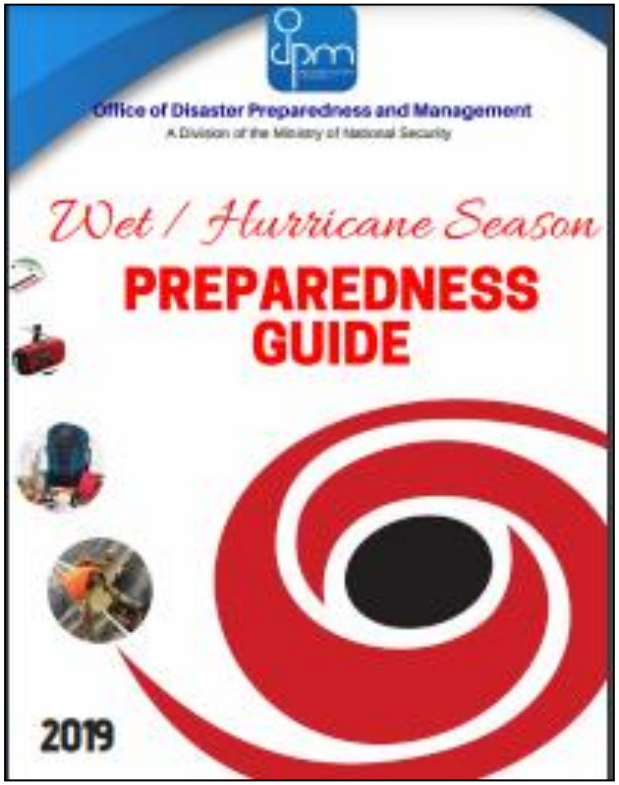


Public Education

Lets look at some ways that the ODPM helps the public **Get Ready and Stay Ready** for tropical storms and hurricanes.

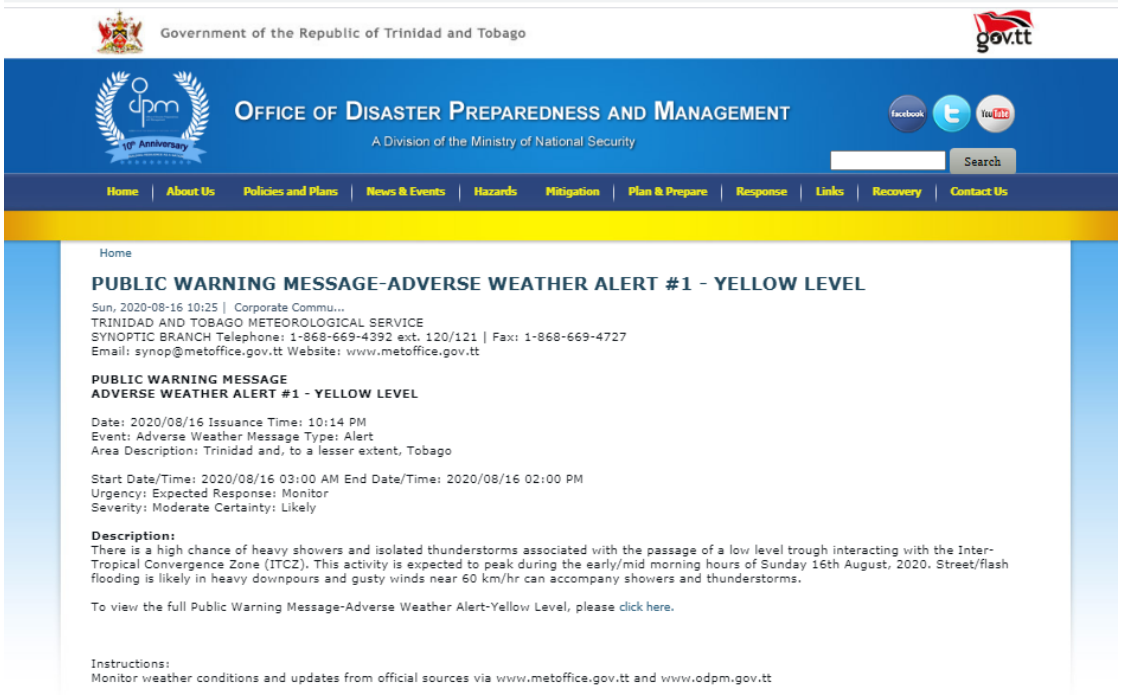
1. **Production of Brochures**

Check them out at
http://www.odpm.gov.tt/



Public Education

2. Several **Public Message Alerts** are sent prior to, during and after the passage of the tropical storm or hurricane.



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OFFICE OF DISASTER PREPAREDNESS AND MANAGEMENT

A Division of the Ministry of National Security

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PUBLIC WARNING MESSAGE-ADVERSE WEATHER ALERT #1 - YELLOW LEVEL

Sun, 2020-08-16 10:25 | Corporate Commu...
TRINIDAD AND TOBAGO METEOROLOGICAL SERVICE
SYNOPTIC BRANCH Telephone: 1-868-669-4392 ext. 120/121 | Fax: 1-868-669-4727
Email: synop@metoffice.gov.tt Website: www.metoffice.gov.tt

PUBLIC WARNING MESSAGE
ADVERSE WEATHER ALERT #1 - YELLOW LEVEL

Date: 2020/08/16 Issuance Time: 10:14 PM
Event: Adverse Weather Message Type: Alert
Area Description: Trinidad and, to a lesser extent, Tobago

Start Date/Time: 2020/08/16 03:00 AM End Date/Time: 2020/08/16 02:00 PM
Urgency: Expected Response: Monitor
Severity: Moderate Certainty: Likely

Description:
There is a high chance of heavy showers and isolated thunderstorms associated with the passage of a low level trough interacting with the Inter-Tropical Convergence Zone (ITCZ). This activity is expected to peak during the early/mid morning hours of Sunday 16th August, 2020. Street/flash flooding is likely in heavy downpours and gusty winds near 60 km/hr can accompany showers and thunderstorms.

To view the full Public Warning Message-Adverse Weather Alert-Yellow Level, please click here.

Instructions:
Monitor weather conditions and updates from official sources via www.metoffice.gov.tt and www.odpm.gov.tt

Public Education

3. Advertisements

Office of Disaster Preparedness and Management - Get Ready!
https://www.youtube.com/watch?v=cOcTddx9TNQ

Safety Tips offered by the ODPM

Preparations before a Hurricane



- Secure important documents such as passports, birth certificates, …in a water-proof bag at a safe location.

Preparations before a Hurricane



- Identify another location for temporary stay in the event evacuation is necessary, such as a family member or the nearest possible shelter.



Do You Know?

Schools and Community Centres are normally used as shelters during times of Natural Disasters.

Preparations before a Hurricane



- Secure household items which may fall and break causing damage: glass items and other sharp or heavy objects.

Preparations before a Hurricane



- Trim trees growing near electrical wires & telephone lines.

Preparations before a Hurricane



- Secure windows and doors; if possible use hurricane straps for the roof.

https://www.custom-mfg-eng.com/blog/5-ways-you-can-prepare-for-2019-hurricane-season

Preparations before a Hurricane







- Cleans drains and gutters regularly

Preparations before a Hurricane



- Prepare an emergency kit containing first aid items, battery operated radio, food and water for at least seven days, small tools, gloves, flashlights etc.

During a Hurricane…







Remain Calm

Stay indoors away from windows

Keep updated on the situation via radio, television or the internet

After the Hurricane…

- Ensure all members of your family are accounted for; if someone is missing immediately contact the relevant authorities



Who Can You Contact?

Remind your parents to prepare a list of **IMPORTANT CONTACT NUMBERS** in case of an emergency. Your list should include contacts for the following:

- Municipal Corporation and Local Government councilor for your community. The **First line of response**.
- Utility companies

Who Can You Contact?

Police: 999



Fire: 990



Who Can You Contact?

Ambulance:811



Tobago Emergency Management Agency/Call Centre 211

TEMA

TOBAGO EMERGENCY MANAGEMENT AGENCY

After the Hurricane…

- Boil water unless you are told it's safe.
- Avoid /limit contact with flood waters





After the Hurricane…

- Stay clear of downed electricity lines and report to the relevant authorities



After the Hurricane…

- Lend assistance to injured or special population such as children, elderly or differently able



Preparing for a Hurricane…

Activity # 2

- Name one activity that is done either before, during or after to prepare for Hurricane by the following:
  - An Individual
  - A Family
  - The Government

The Hurricane Emergency Kit

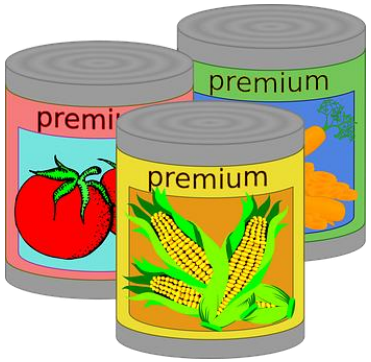


Items you should have in an **Hurricane Emergency Kit**

- Water: one gallon per person, per day (3-day supply for evacuation, 2-week supply for home)



- Food: non-perishable, easy-to-prepare items (3-day supply for evacuation, 2-week supply for home).



Items you should have in an **Hurricane Emergency Kit**

- Flashlight.
- Extra batteries.
- Battery-powered or hand-crank radio







Items you should have in an **Hurricane Emergency Kit**

- First aid kit.



- Medications (7-day supply) and medical items.



Items you should have in an **Hurricane Emergency Kit**

- A knife or a cutting tool.



- Sanitation and personal hygiene items.

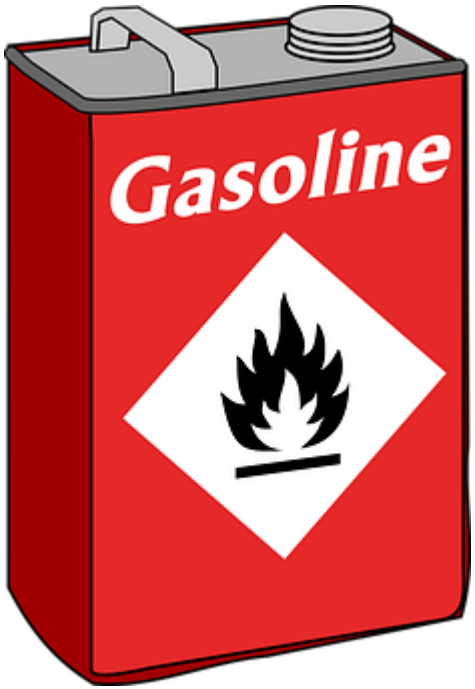


Items you should have in an **Hurricane Emergency Kit**

- Extra cash (ATMs may not be working).



- Extra fuel for generator and car.



Items you should have in an **Hurricane Emergency Kit**

- Cell phone with charger.



- Family and emergency contact information.



The Hurricane Emergency Kit…

Activity# 3: From the list of items shown below, which items should be in a **Hurricane Emergency Kit?**

Bottle Water



Raw meat



Radio



Dry Food



First Aid Bag



Flash Light



Extra Batteries



Candy and Sweets



Activity 4 – Write your answers in complete sentences in your Social Studies Book.

Your parents have been monitoring advisories from the ODPM. The latest bulletin has indicated that a tropical storm warning is in effect for Trinidad and Tobago. An Adverse Weather Alert #3 – Red Level has been issued.

Activity 4 – Write your answers in complete sentences in your Social Studies Book.

- List any **Two (2)** safety steps a person should do before a Hurricane according to the O.D.P.M.
- List any **Two (2)** safety steps a person should do during a Hurricane according to the O.D.P.M.

End of Presentation

THANK YOU

