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FLOOD STOPPING

TEAM

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FLOODS

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Flood: Overflow of water submerging dry land.

Causes:

- Heavy or prolonged rainfall.
- Melting snow or ice.
- Overflowing rivers.
- Dam breaks or levee failures.
- Storm surges during hurricanes or typhoons.

Impacts:

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- *Economic:* Infrastructure and crop losses.
- *Human:* Displacement, disease risk.



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STATISTICS

What causes floods to happen?

- A) Heavy rainfall
- B) Snow melting quickly
- C) Overflowing rivers or dams
- D) All of the above

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Which areas are most at risk for flooding?

- A) Coastal areas
- B) Mountainous regions
- C) Deserts
- D) All areas are equally at risk

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How does climate change influence flooding?

- A) Causes more rainfall and extreme weather
- B) Decreases the risk of flooding
- C) Has no effect on floods
- D) Only affects coastal floods

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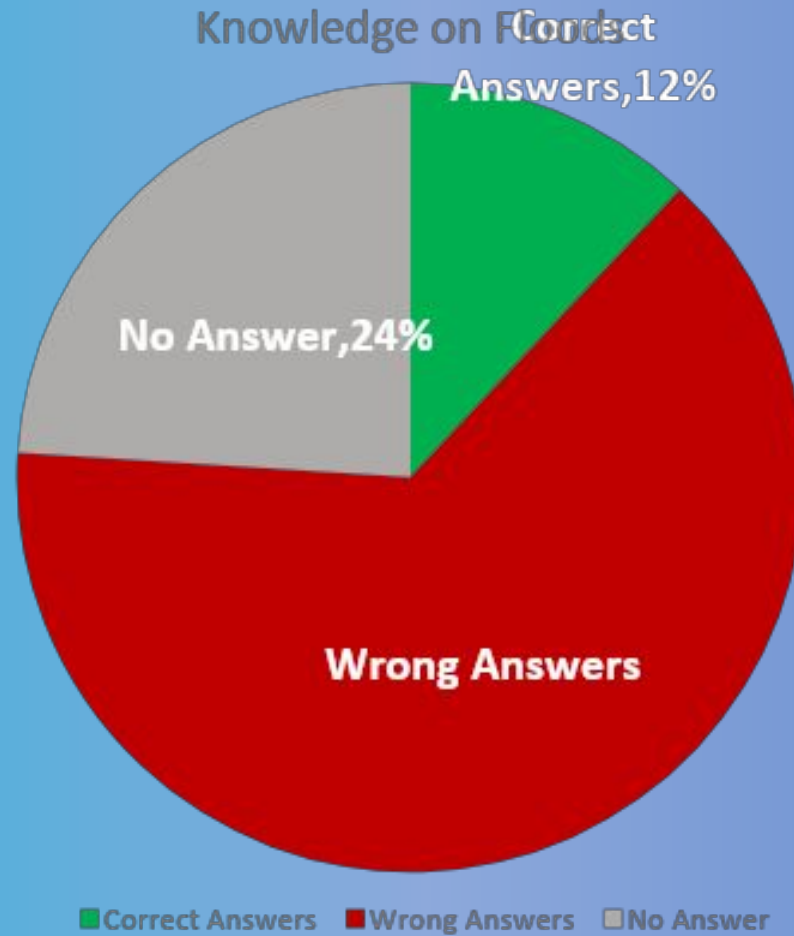
PART 2: (Questions of Critical Thinking)

- Tell us your opinion and explain it.

What should you do if there is a flood warning in your area?

- A) Move to higher ground
- B) Stay where you are
- C) Go for a drive to check it out
- D) None of the above

STATISTICS



IMPORTANCE

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Personal Safety: Understanding flood risks and safety measures can help them protect themselves and their families during a flood event.

Environmental Awareness: Learning about the causes of floods increases awareness of environmental changes and human impact on ecosystems.

Community Responsibility: Educating youth fosters a sense of responsibility to contribute to community resilience through awareness and action.

FLOOD PREVENTION

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Water Management:

Encourage water conservation to reduce pressure on stormwater systems during heavy rainfall.



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Raise

Awareness:
Educate people and community members about sustainable practices to reduce flood risks.

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**FLOOD DISASTER
RELIEF FUND
WE CARE**

CROWDFUNDING FOR FLOOD
VICTIMS AT KUALA SELANGOR

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HOW TO SURVIVE A FLOOD

BEFORE THE FLOOD

- 1. Build an Emergency Kit**
 - Build a comprehensive flood survival kit based on the guidelines from the American Red Cross.
- 2. Make a Family Communications Plan**
 - Communication is essential to flood survival for you and family members.
- 3. Avoid Property Construction in a Floodplain**
 - Try to build on higher ground to avoid being hit by floods.
- 4. Put Up Barriers**
 - Build floodwalls, levees, or beams to prevent floodwater from rushing to your home, fast.
- 5. Seal Your Basement**
 - Waterproof your basement and protect it from seepage by sealing the walls, cracks, and crevices.
- 6. Look for Warnings**
 - Monitor a central weather station or local news for flood warnings or updates.
- 7. Check Gutters, Downspouts, and Drains**
 - Regularly clean your roof for debris to prevent clogging of gutters, downspouts, and drains.
- 8. Clear the Floor**
 - Move electronics, appliances, and furniture off the floor and transfer them to higher and secure places.
- 9. Roll Up Your Rugs**
 - Roll them up and secure them well so they don't get wet, moldy, or totally destroyed.
- 10. Secure Important Documents**
 - Secure your important documents in sealed or waterproof bags.
- 11. Inspect Sump Pumps and Drains to Ensure Proper Operation**
 - Get your sump pump fresh batteries.
- 12. Turn Off the Power**
 - Turn off the main breaker of your electrical system.

SURVIVAL DURING FLOOD

- ✓ Find Higher Ground
- ✓ Avoid Streams and Roads
- ✓ Go to the Roof
- ✓ Listen for Updates
- ✓ Keep Utilities Powered Off
- ✓ Stay Clean
- ✓ Know Your Surroundings
- ✓ Watch for Evacuation Orders
- ✓ Don't Drive Around Barricades
- ✓ Don't Risk It
- ✓ Evacuate Your Vehicle

AFTER THE FLOOD SAFETY TIPS

- 1. Check the News**
 - Keep up with news updates for warning of water contamination and safety precautions against the spread of disease or social unrest.
- 2. Avoid Floodwaters**
 - Floodwaters may have not yet receded in some areas so steer clear of these areas as they may be deep, muddy, or contaminated.
- 3. Keep Off of Flooded Roads**
 - Some roads might not be safe to drive in yet even if flood water has receded.
- 4. Enter Buildings with Caution**
 - Take great caution when inspecting homes and buildings as there may be dangers lurking by.
- 5. Keep Your Home Clean**
 - Make sure to not only clean but disinfect your property.
- 6. Avoid Electrical Wires**
 - Keep away from electrical wires and knocked power lines — electrocution is often a major cause of death in floods.
- 7. Check for Animals**
 - Both dead and alive snakes and other dangerous animals may have been swept with the flood.
- 8. Be Alert for Gas Leaks**
 - To inspect your place use flashlights instead of matches and candles to avoid the risk of igniting a gas-contaminated area.
- 9. Report Damaged Sewage Systems**
 - Make sure to report the damaged sewage system to authorities.
- 10. Disinfect Everything**
 - Clean up and disinfect everything you can still save before you use them.

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climate
change
is real.

FLOOD PREPAREDNESS

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Learn Emergency

Procedures: Understand evacuation routes and safety measures for floods.

Participate in Drills: Engage in school or community flood preparedness drills to practice responses.

Stay Informed: Monitor weather updates and flood alerts through reliable sources.

Educate Others: Share knowledge about flood risks and how to prepare with friends and family.

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OUR WORK

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OUR WORK

POSTER:

We created a poster that gives tips to people of any age on what to do if a flood occurs in their area. We made it so that anyone can understand it because we want to prepare and inform everyone.

FLOOD STOPPING

Tips incase of a flood in your area

STAY CALM

First of all remember that if you don't help yourself you cannot help other so during a flood you should stay calm and first focus on yourself and after you check that you are okay you may help others that need your help



STAY AWAY FROM FAST MOVING WATER

Remember that any moving water that is about 6 inches can knock you down wherever you may be, so keep this in mind and stay AWAY and at a safe distance from fast moving water



MOVE TO HIGHER GROUND

In case of a flood always seek shelter on higher floors or rooftops if evacuation isn't possible. Avoid basements and low-lying areas



AVOID CONTACT WITH FLOOD WATER

Flood water has a high chance of being contaminated with chemicals sewage, or other hazards so at any moment stay at a SAFE distance and DO NOT touch or get into the water



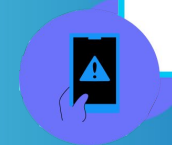
KEEP EMERGENCY SUPPLIES READY

If a flood happens in your area try to get a bag with essentials like water, food, flashlight, batteries, first aid kit and medication because you may need one or two of those things.



STAY INFORMED

Use a battery-powered radio or mobile device to receive updates on the flood's status and emergency so that you know when it's safe to go outside.



OUR WORK



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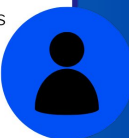
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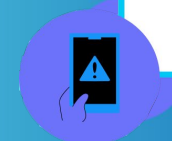
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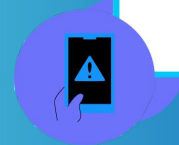
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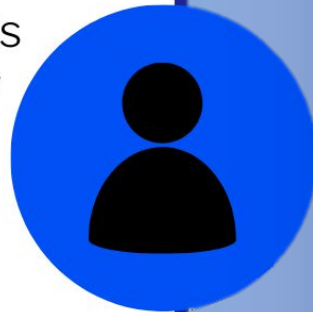
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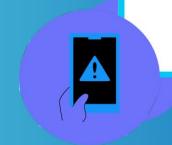
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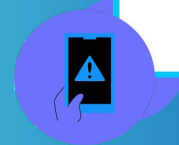
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- Floods
- Statistics
- Importance
- Prevention
- Preparedness
- Our Work

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Thank you for your time.