

PROJECT GREEN

GREEN CATEGORY (DAY 4 ON WATER)

CHALLENGE ON WATER FOOTPRINT

1) I've been surprised about water in the following mechanisms:

a. how thermal expansion occur in water body.

b. what as we know is of two phases which can be disasters as a master but a very good servant.

c. water is of necessity tat it cannot be replaced or compared with any other liquids such as soft drinks.

2)Create a list of all the things water brings you:

WATER AND YOU

- 1. Drinking**
- 2. Cooking**
- 3. Bathing**
- 4. Handwashing**
- 5. Swimming**
- 6. Fishing**
- 7. Boating**
- 8. Irrigation.**
- 9. Hydropower**
- 10. Industrial Use**
- 11. Cleaning**
- 12. Sanitation**
- 15. Water Parks**
- 18. Aquariums**
- 19. Art and Reflection**
- 20. Religious and Cultural Practices**
- 21. Environmental Preservation**
- 22. Water Sports**
- 23. Scientific Research**
- 24. Water Conservation**
- 25. Emergency Response**
- 26. Therapeutic Use**
- 27. Artificial Water Features**
- 29. Washing Vehicles**
- 30. Educational Tools.**

WATER AND THE ENVIRONMENT

Here's a list of what the environment uses water for:

- 1. Ecosystem Survival**
- 2. Nutrient Transport**
- 3. Photosynthesis.**
- 4. Hydration.**

- 5. Aquatic Food Chain**
- 6. Waste Disposal.**
- 7. Temperature Regulation**
- 8. Erosion and Sediment Transport**
- 9. Dissolving Minerals**
- 10. Transportation**
- 11. Replenishing Groundwater**
- 12. Recharging Wetlands**
- 13. Maintaining Biodiversity:Z**
- 14. Natural Filtering**
- 15. Flood Control**
- 16. Carbon Cycling**
- 17. Resilience to Climate Change**
- 18. Aesthetic Beauty**
- 19. Recreation**
- 20. Erosion Control**
- 21. Habitat Connectivity.**
- 22. Fertilization**

WATER AND THE ECONOMY

- 1. Agriculture.**
- 2. Manufacturing and Industry**
- 3. Energy Production**
- 4. Mining.**
- 5. Food and Beverage Production**
- 6. Construction**
- 7. Tourism and Hospitality**
- 8. Transportation**
- 9. Forestry**
- 10. Waste Management**
- 11. Textile and Garment Industry**
- 12. Chemical Industry**
- 13. Pharmaceuticals**
- 14. Automotive Industry**
- 15. Technology and Electronics**
- 16. Paper and Pulp Industry**
- 17. Construction Materials**
- 18. Beverage Industry**
- 19. Aerospace and Aviation**
- 20. Fisheries and Aquaculture**
- 21. Healthcare**
- 22. Renewable Energy**
- 23. Chemical Cleaning Services**
- 24. Retail and Commercial**
- 25. Research and Development.**
- 26. Aesthetic and Recreational Facilities**
- 27. Environmental Consulting**

WATER AND THE COMMUNITY

- 1. Drinking Water Supply**
- 2. Sanitation and Sewage**
- 3. Firefighting**

- 4. Public Health**
- 5. Irrigation**
- 6. Local Agriculture**
- 7. Hygiene and Personal Care:**
- 8. Laundry and Cleaning**
- 9. Cooking and Food Preparation**
- 10. Recreation**
- 11. Local Industries.**
- 14. Parks and Green Spaces**
- 15. Emergency Response**
- 17. Street Cleaning**
- 18. Public Art**
- 19. Environmental Conservation**
- 20. Community Events**
- 21. Public Services.**
- 22. Community Resilience**
- 23. Outdoor Sports Facilities**
- 24. Public Gardens:**
- 25. Public Safety and Hygiene**
- 26. Community Outreach and Education**
- 27. Community Ponds and Lakest.**

3) Being more mindful and appreciative of water is essential for our well-being and the sustainability of our planet. Here are some ways to cultivate a greater appreciation for water and use it more mindfully:

- 1. Conserve Water: Practice water-saving habits in your daily life. Fix leaks, turn off taps when not in use, and use water-efficient appliances.**
- 2. Reduce Plastic Waste: Minimize the use of single-use plastic bottles, which contribute to pollution in water bodies. Opt for reusable water bottles and containers.**
- 3. Learn About the Water Cycle: Understanding the water cycle can deepen your appreciation for how water is naturally recycled and distributed on Earth.**
- 4. Support Water Conservation Efforts: Get involved in local water conservation initiatives and organizations working to protect water resources in your community.**
- 5. Educate Yourself: Stay informed about water-related issues, such as water scarcity, pollution, and access to clean water, by reading books and articles, and watching documentaries.**
- 6. Value Water in Nature: Spend time in nature near water bodies like lakes, rivers, or the ocean. This can foster a greater connection to and appreciation for natural water sources.**
- 7. Practice Gratitude: Take a moment each day to reflect on the availability of clean water in your life and express gratitude for it.**
- 8. Teach Children About Water: Educate children about the importance of water conservation and sustainability from an early age.**

9. Reduce Pollution: Dispose of waste properly, and avoid using products that contain harmful chemicals that can end up in waterways.

10. Contribute to Solutions: Support policies and practices that aim to protect and conserve water resources. Advocate for responsible water management in your community.

11. Volunteer: Consider volunteering with organizations involved in water-related projects, such as river cleanups or water quality monitoring.

12. Celebrate World Water Day: Participate in global events like World Water Day (March 22) to raise awareness about water-related issues and promote action.

13. Water Art and Literature: Explore water-themed art, literature, and music to gain a deeper appreciation for its cultural and artistic significance.

14. Mindful Consumption: Be conscious of your water footprint in the products you use, from clothing to food production. Support sustainable practices that reduce water waste.

By adopting these practices and promoting a mindful approach to water use, we can better appreciate and protect this precious resource for current and future generations.

4) ANSWERS FROM MY FAMILY ON THE RELEVANCE OF WATER TO THEM

My Das Said That, Water Can Usual For Several Purposes Such As His Fish Farm, He Own's A Fish Farm, And With The Use Of Quality Water With All The Require Parameters, The Fish Yield Is At Its Maximum.

Water has been of a great relevance to my aunt as she uses for her cooking purposes in her restaurant.

VISUALS OF OUR INTERACTION WITH INTERACTION WITH WATER



MY PERSONAL WATER FOOTPRINT

<p>Do you take baths? If so, how often? <small>(Answer for your entire household.)</small></p> <p>3 + <small>Answer</small> DAY +</p> <p>NEXT ></p> <p>VIEW YOUR RESULT</p>	<p>How do you wash your dishes? <small>(Choose all that apply.)</small></p> <p>OLD SCHOOL DISHWASHER</p> <p>WATER/ENERGY EFFICIENT DISHWASHER</p> <p>WITH MY OWN TWO HANDS</p> <p>TRASH THEM OR EAT OUT</p> <p>NEXT ></p> <p>VIEW YOUR RESULT</p>	<p>faucets running each day? <small>(Answer for your entire household and include brushing your teeth and shaving.)</small></p> <p>UNDER 5 MIN</p> <p>5-10 MIN</p> <p>11-30 MIN</p> <p>OVER 30 MIN</p> <p>VIEW YOUR RESULT</p>	<p>How long is the average shower in your household?</p> <p>UNDER 5 MIN</p> <p>5-10 MIN</p> <p>11-15 MIN</p> <p>OVER 15 MIN</p> <p>VIEW YOUR RESULT</p>	<p>Do you "let it mellow?"</p> <p>OF COURSE!</p> <p>GROSS NO!</p> <p>SOMETIMES</p> <p>VIEW YOUR RESULT</p>
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