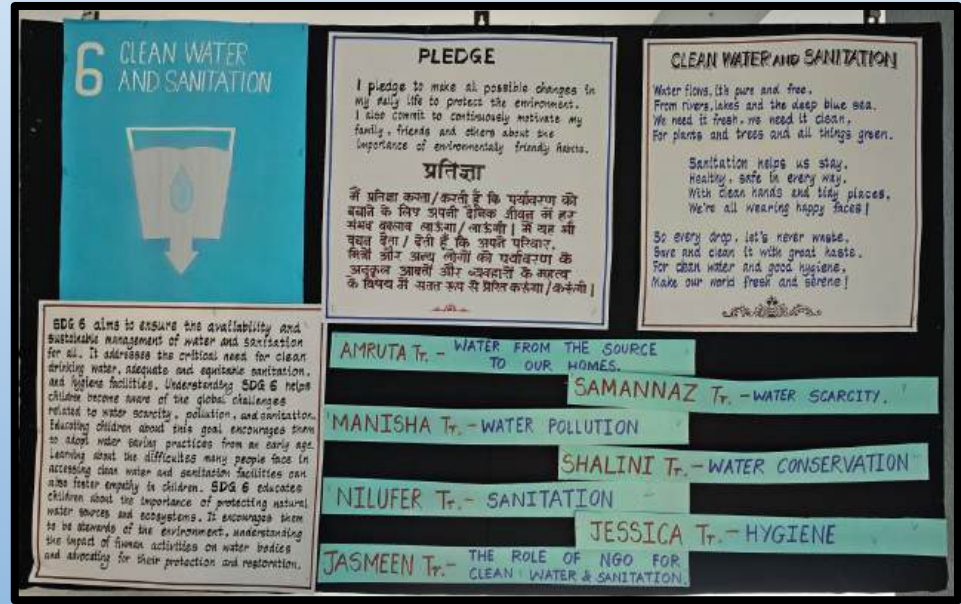


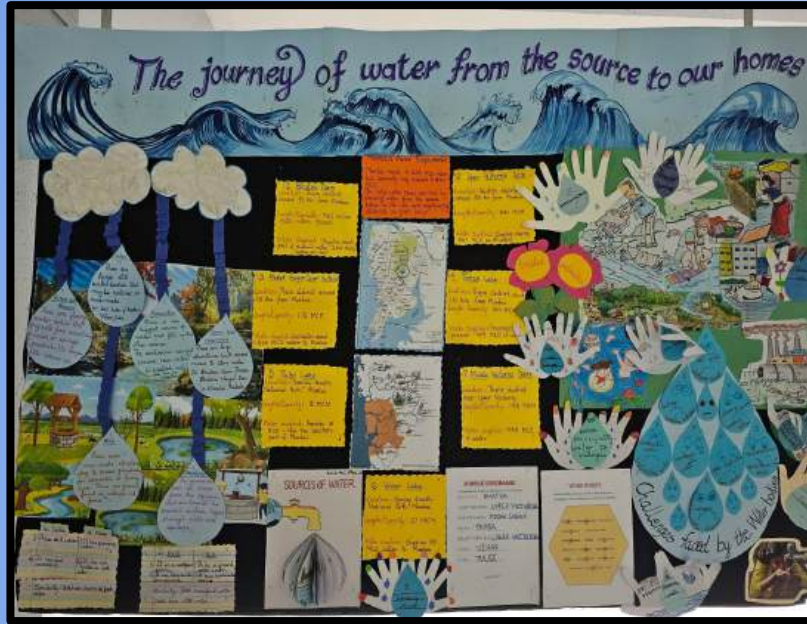
Std 2 Project: Clean Water and Sanitation



The std 2 students chose the topic of SDG 6 Clean Water and Sanitation to explore the lifeline of water— learning about water's journey, scarcity, pollution, and sanitation, while highlighting NGO efforts to protect it.



The Std 2 students presented their project on October 1st and 3rd, 2024, as their teachers wove stories about the importance of clean water and sanitation. Together, they planted seeds of awareness about this vital resource.



Glimpses from the project display, where the students brought their learning to life, showcasing their models, experiments, and creative work on water and its journey to our homes.

The teacher highlighted the students about the struggles faced when water runs low.



WATER SCARCITY THE GLOBAL CRISIS

CAUSES

WHAT IS WATER SCARCITY

Water scarcity refers to the insufficient availability of water resources to meet the demands of water users within a region. Water scarcity has led to global and regional food and environmental challenges. About 400 million people in India face high to extreme water stress. The amount usage 10% of the country's population.

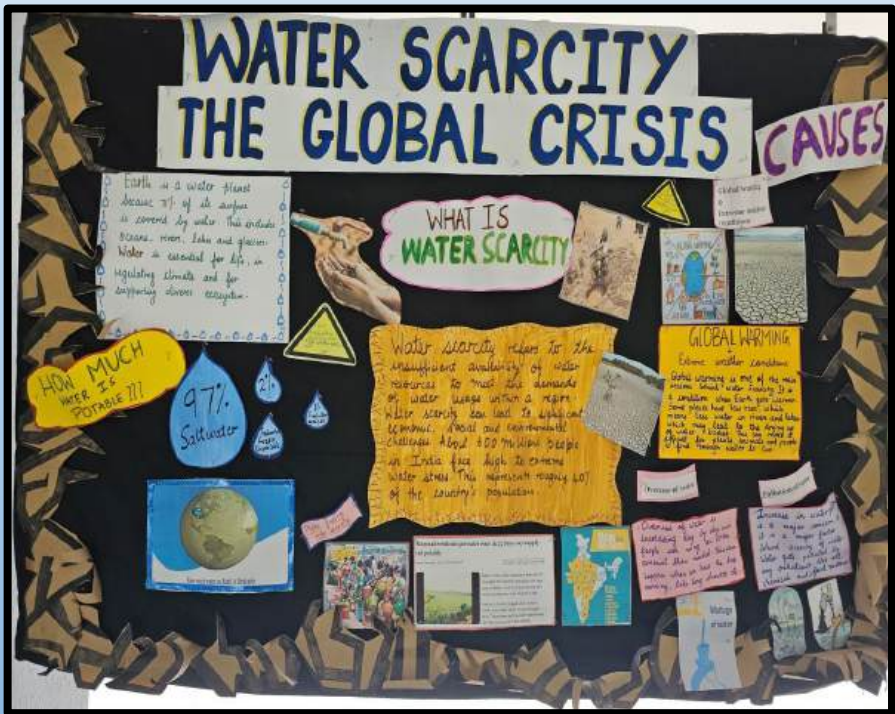
GLOBAL WARMING

Extreme weather conditions. Global warming is one of the main reasons behind water scarcity. It is a condition where Earth gets warmer. Some places have hot sun which means less water on trees and lakes which may lead to the drying up of the lakes. It causes the water to evaporate and form clouds.

HOW MUCH WATER IS POTABLE???

97% Saltwater

Earth is a water planet because 71% of its surface is covered by water. This includes oceans, rivers, lakes and glaciers. Water is essential for life, in regulating climate and for supporting diverse ecosystems.



IMPACT SOLUTION

THE THIRSTY RIVER



The children learnt the importance of conserving water and working together for a sustainable future.

The next presentation uncovered the murky depths of water pollution, showing how we harm this life-giving resource.



The presentation inspired ways to save every drop, sharing the wisdom on water conservation.

Water Conservation

Water Conservation is the practice of saving water for future utilisation.

How much water is there on Earth?
There's a whole lot of water on this planet! Well you can find something like 1,260,000,000,000,000,000 litres of water on our planet.

If there is so much water on Earth, why do we need to conserve it?



Earth = 71% Water + 29% Land

Water
 97.5% - Saline water
 2.5% - Fresh water

Most of the fresh water is frozen in the form of glaciers or is present as ground water.

Only 0.5% of water is available as fresh water on the surface of the earth.

WASTAGE **REDUCE** **USAGE**



REUSE

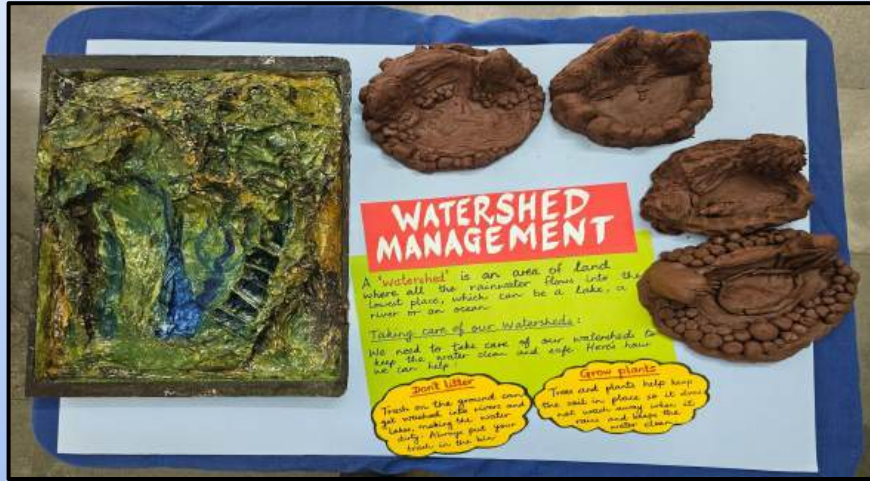


RECYCLE



Sewage Treatment Plant

Collection tank The sewage enters the collection tank from the houses.	Screening Big pieces of floating matter are separated here.
Aerating tank The sewage is then pumped to this tank and kept there for some time.	Settling tank The solid matter settles here.
Decantation tank The clear water is then collected here, which is used for drinking purposes.	Filtration Tank The clear water is then passed through sand and gravel filters.
Water Pump It lifts the water to the pipes.	Reynold's Water This is good water is used for drinking. The treated water is called Reynold's water.



The students molded beautiful ceramic models, each one a clay canvas that captured their creativity and skill.

Posters on saving water, created through the teamwork of parent and child, blossomed into colorful reminders of its value.



The importance of sanitation and building a bridge to healthier communities.



The power of hygiene, ensuring a cleaner, safer tomorrow.

HYGIENE

Good hygiene is important for preventing the spread of infectious diseases and helping people lead healthy lives. It can also help families avoid illness and spend less on healthcare. *United Nations Sustainable Development Goals (SDGs)*

HYGIENE is the practice of keeping yourself and your surroundings clean in order to prevent illness or spread of any diseases.

- Brush your teeth twice daily. This helps remove food particles and bacteria, preventing cavities, gum disease and bad breath.
- Bathing: Cleanse your body daily to remove dirt, sweat and dead skin cells.
- Wash your hair - Depending on your hair type, clean your scalp and hair to remove oil and dirt. Brush your hair to prevent tangles and improve circulation to your scalp.
- Wash your hands frequently. Use soap and water thoroughly before and after your meals, after using the toilet and after visiting public places.
- Wash your feet daily especially between your toes. Change your socks daily and wear breathable footwear.
- Change your clothes daily and wear clean clothes. Sweat, dirt and bacteria can accumulate on worn clothes, leading to body odour and skin irritations.
- Stay at home when sick to rest and recover. This helps prevent spread of illnesses to others and gives your body time to heal faster.
- Use a handkerchief to cover your mouth and nose. This prevents droplets (spreading germs) from reaching others and help reduce the spread of illnesses.
- Flush the toilet after use to remove waste and keep the bathroom clean and odour free. It helps prevent germs from spreading and keeps the area safe for others to use.
- Trim your nails - To prevent the buildup of dirt and bacteria underneath long nails harbor germs and risk of infections.
- Use a handkerchief to cover your mouth and nose. This prevents droplets (spreading germs) from reaching others and help reduce the spread of illnesses.

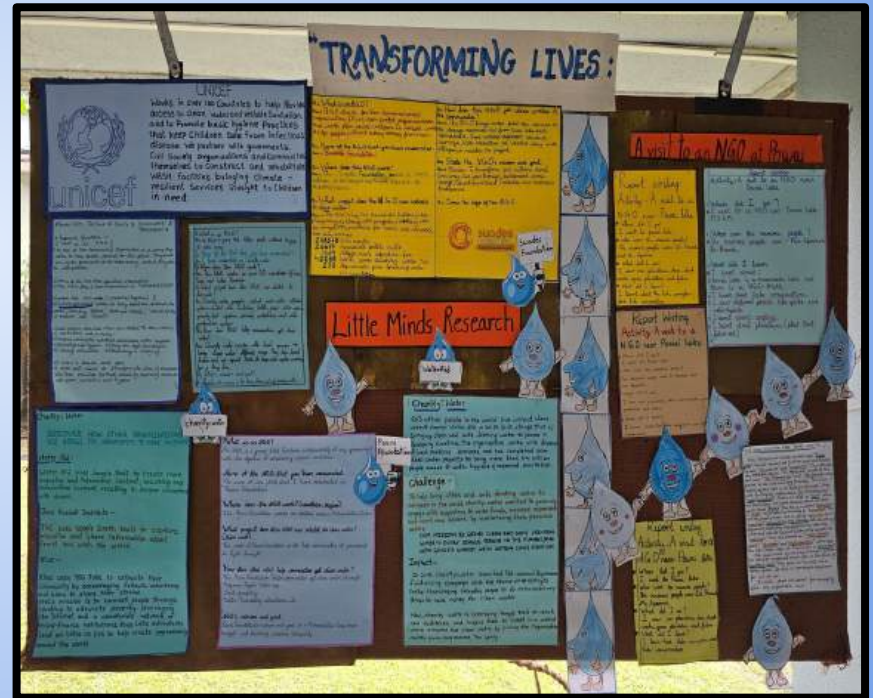
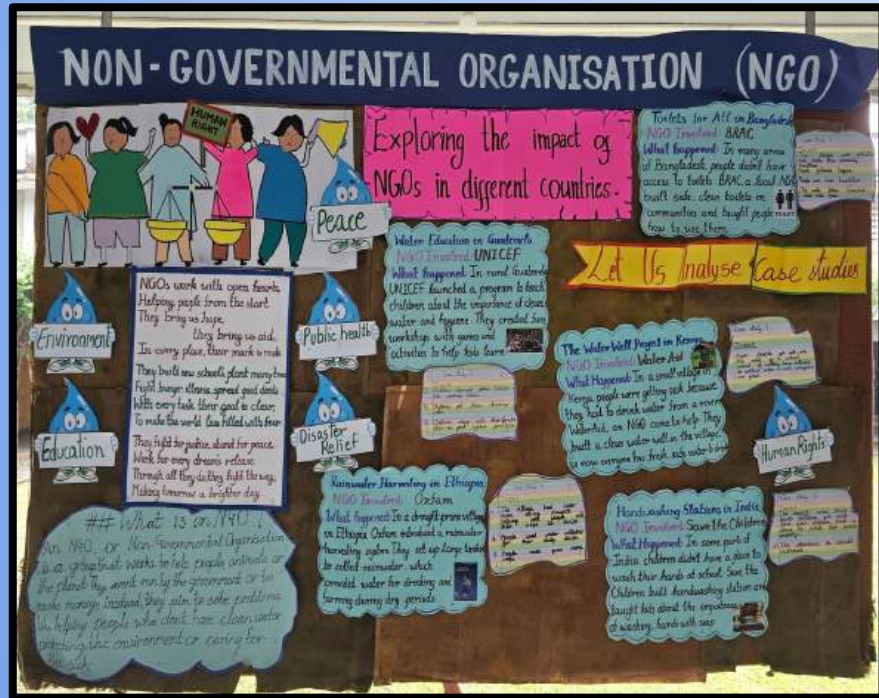
10 STEPS OF WASHING YOUR HANDS

- STEP 1** Wet your hands and apply soap.
- STEP 2** Rub your palms together.
- STEP 3** Rub the back of your hands with your palm right and then left.
- STEP 4** Interlock your fingers and rub your hands well.
- STEP 5** Cup your fingers and rub your cupped palm with the opposite hand and then swap.
- STEP 6** Enclose your left thumb with your right thumb and rub well. Then swap.
- STEP 7** Rub the tip of your fingers over your left palm, then swap this way we clean the dirt left inside your finger nails.
- STEP 8** Rub around your wrist with the opposite hand then swap.
- STEP 9** Rinse the soap off your hands.
- STEP 10** Dry your hands with a clean dry towel.



Beautiful artwork made from waste materials, transformed into masterpieces with the help of parents' creativity and guidance.

The presentations also introduced the unsung heroes—the NGOs working tirelessly as guardians of water, protecting this precious resource for all.





We were deeply honoured to have Smitaben visit our project display, her presence weaving a thread of warmth and wisdom into every corner of the display.



See

Expressing Emotions

Feel

Through Pictures!

Share



Through the SDG 6- Clean Water and Sanitation, children discovered the importance of water conservation, cleanliness, and hygiene. They learned that small drops of action can create waves of change for a healthier, sustainable world.