



TTSH Earth Day Project Showcase

TTSH's Magical Food Waste Digester

What?

- We have a special machine at TTSH that converts food waste into water!
- Imagine a friendly monster with a big stomach that chews up the food waste.



Why?

- Previously, all food waste was sent to the incinerators.
- Producing ash waste that ends up in the landfills.



Note:

Food waste refers to food scraps such as fruit and vegetable peels, meat skin, bread crust from TTSH's kitchen.

TTSH's Magical Food Waste Digester

How?

- The food waste digester was set up in 2017. It uses microbes to break down the food scraps.

Result

- This has resulted in a 96% decrease in food waste from TTSH (worth hundreds of tons) to the incinerator.
- Producing lesser ash waste to the landfills.

Note:

Food waste refers to food scraps such as fruit and vegetable peels, meat skin, bread crust from TTSH's kitchen.



Shake it, Fold it, Save it!

What?

- Need for waste reduction and resource conservation at TTSH
 - Paper hand towels are single use items which are sent to the incineration plant.
- Reduce environmental impact
 - Production of paper towels and toilet paper requires cutting down of trees, water and energy
 - If each person in Singapore uses 1 paper towel less a day, we could save 460 trees from being cut down daily. That's 168,000 trees a year!



Shake it, Fold it, Save it!

Why Should I Care?

- There is a high volume of paper towel waste in our general waste bins.
- Accidental paper waste
 - Paper towels jam in the dispensers when more than 1 paper towel is released in a subsequent single pull.
 - Conventional toilet paper dispensers often cause tears and unravelling.



Question For Thought:

How many pieces of paper hand towel and toilet paper have you used for a single session?

Shake it, Fold it, Save it!

How is TTSH Addressing it?

- Utilised a more efficient dispensing design system which releases **one sheet** at a time
 - Automatic paper towel dispenser
 - Center-Pull system for toilet paper roll
- Reminder to users on the number of paper used
- Advocate for the use of 1 paper towel to dry hands through a catchy tag-line: **Shake it, Fold it, Save it!**



Results

- Fewer paper rolls replacement, contributing to a reduction in overall paper consumption by **77%**!

Shake it, fold it, SAVE it!

STEP 1 SHAKE EXCESS WATER INTO THE SINK

STEP 2 GRAB 1 PAPER TOWEL

STEP 3 FOLD THE PAPER TOWEL IN HALF

STEP 4 PAT YOUR HANDS DRY!

THANK YOU FOR DOING YOUR PART TO REDUCE PAPER TOWEL USAGE!

DID YOU KNOW?
If each person in SG uses 1 paper towel less a day, we could save 660 trees from being cut down daily. That's 168,000 trees a year!

HAVE FEEDBACK?

AN INITIATIVE BY TTSH WASTE WORKGROUP FOR SUSTAINABILITY

How Can The Public Help

How Can I Help?

Members of the public visiting TTSH are also encouraged to practice **Shake it, Fold it, Save it!**

When washing hands:

- Shake excess water into the sink
- Grab 1 paper towel
- Fold the paper towel in half
- Pat your hands dry!

Shake it, fold it, SAVE it!

STEP 1  **SHAKE EXCESS WATER INTO THE SINK**

STEP 2  **GRAB 1 PAPER TOWEL**

STEP 3  **FOLD THE PAPER TOWEL IN HALF** *Increase Absorption*

STEP 4  **PAT YOUR HANDS DRY!**

THANK YOU FOR DOING YOUR PART TO REDUCE PAPER TOWEL USAGE!

DID YOU KNOW?
If each person in SG uses 1 paper towel less a day, we could save 460 trees from being cut down daily. That's 168,000 trees a year! 

HAVE FEEDBACK?
 [for.sg](https://www.for.sg)

AN INITIATIVE BY TTSH WASTE WORKGROUP FOR SUSTAINABILITY

How Can The Public Help

When buying meals, do your part in ordering only what you can finish by asking for reduced portion sizes. Every little bit counts towards reducing food waste!

Thank You 

