



A PRACTICAL GUIDE TO SUPPORTING
WORLD PLUMBING DAY

**World
Plumbing
Day** Mar.11

WORLDPLUMBING.ORG



This guide has been made to help encourage your workplace, organization, school or club to consider and celebrate the importance of plumbing in everyday life.

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Posters, Fact Sheet, Kids Colouring in Pages, Ready to use Powerpoints and other resources available online at worldplumbing.org

THE STORY OF WORLD PLUMBING DAY

World Plumbing Day was created in October 2009 by the World Plumbing Council. The first World Plumbing Day was held on March 11 2010. The World Plumbing Council hoped that on World Plumbing Day communities would pause to reflect on the vital role plumbing has in protecting public health and improving amenity.



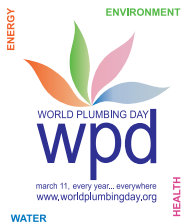
to learn, share knowledge, build connections and find opportunities to collaborate to improve the quality of, and access to, fresh water and safe sanitation.

March 11 World Plumbing Day is now fixed on calendars around the world including within the industry itself, political and social institutions

World Plumbing Day is part of the Council's mission as it allows people from within and outside of the plumbing industry to come together

across the globe. There are now hundreds of World Plumbing Day events, big and small, held all over the world including celebrations, competitions, seminars, and activities.

The key aim is for people to promote the link between good plumbing with sanitation and human and environmental health.



THE WORLD PLUMBING COUNCIL'S MISSION IS TO:

“

ACHIEVE THE BEST POSSIBLE PLUMBING FOR THE WORLD THROUGH GROWTH AND DEVELOPMENT OF THE WORLD'S PLUMBING INDUSTRIES.

WHY CELEBRATE WORLD PLUMBING DAY ?

To raise awareness about the health related outcomes of plumbing that often get taken for granted.

To concentrate on communities that still need more and better plumbing to have improved living standards and a better life.

To remind ourselves to be grateful for the skills of those who work on our efficient plumbing systems.

To reflect on innovative plumbing advancements to protect public health and improve the world.

Plumbing saves lives. Plumbing improves the world.

Plumbing is an incredibly large part of everyday life. Taking a shower, drinking a glass of water from a tap, sitting in an air-conditioned or heated office, doing laundry and flushing the toilet. All of these tasks are possible thanks to trained plumbers and advancements in plumbing. There are still millions of people around the world who lack access to

basic plumbing amenities. Life without basic plumbing leads to lowered living standards and many serious health consequences. Effective plumbing is also essential to helping the environment. With increased water shortages and droughts worldwide, sustainable and energy efficient plumbing are paramount to helping the planet.



FACTS ABOUT WORLD PLUMBING

Information sourced from UNICEF + WHO 2017 update and SDG Baseline

2.1 billion

or 3 in 10 people worldwide, lack access to safe, readily available water at home.

263 million

people, 10 times the population of Australia, spend over 30 minutes per round trip to collect safe drinking water.

900 million

school children across the world have no handwashing facilities - a critical barrier in the spread of deadly diseases.

4.5 billion

6 in 10 people do not have toilets in their house.



892 million

people worldwide still practice open defecation.

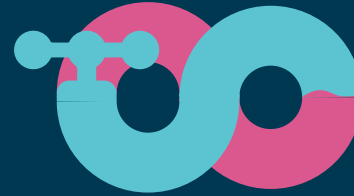
361,000 children

under 5 years of age die each year due to water born diarrhoea because of water contamination from open defecation, near rivers or toilet areas.

1 : 5 schools

worldwide do not provide any toilet facilities.

A lack of toilet facilities prevents young girls attending school, especially when they begin menstruation which widens the education gap and reduces equality.



Over 1 billion people gained access to piped supplies between 2000 and 2015.



The global population of people who used managed sanitation services increased from 28% in 2000 to 39% in 2015



Between 2000 and 2015 the number of people practicing open defecation declined from 1229 million to 892 million, an average of 22 million people per year.

FACTS ABOUT WORLD PLUMBING

Plumbing Advancements helping the environment



Showers were created by Sargon the Great having slaves stand on ladders pouring water over him. A 4-minute shower can now use as little as 24 litres of water.

The dual system toilet flush, created in a small town in South Australia in 1980, now uses as little as 4.5 litres of water on full flush and 3 litres on half flush. This has declined from 11 litres in the first model.



Solar Hot Water Systems are a modern hot water plumbing option. By switching to them over electric hot water systems it can reduce your carbon footprint by 30 percent and is likely to save a large amount of money on energy bills each year.

SMART Plumbing - The way of the future

Up to 30 percent of all water is lost because of leaks or burst water pipes. Water and plumbing technology companies are working to detect the leaks as soon as they occur. Examples are:

Brain Pipes

a modern plumbing system that can detect leaks or broken pipes

TaKaDu

who are working on pre-processing water information to detect anomalies and send alerts to relevant water operators

Echologics

who have developed a system for detecting water loss based on sound.

The Smart Shower - is a new plumbing invention. It is an extension of the digital shower. The Smart Shower controls the plumbing using an application on the mobile or voice control, such as Amazon's Alexa or Google Home.

Through the app or voice control you can start the shower, change the temperature, pre-set the temperature or time the shower. It will even pause the shower, once it has reached optimum temperature, until you get in. The benefits of the smart shower are that there is less wasted water as the app on your phone shows you how much water has been used and allows you to set time limits. It is also safer as you can control the temperature for different family members.

HOW TO CELEBRATE WORLD PLUMBING DAY

SPREAD THE WORD

IN SCHOOLS

- Share our pre-made Power Point about plumbing and its impact on our world.
- Put up the World Plumbing Day posters for schools to raise awareness.
- Have a World Plumbing Day Poster contest for year levels 2+ (See examples on worldplumbing.org and use the template).
- Use the World Plumbing Day colouring in templates for year levels year 2 and below.
- Invite a local plumber to come and speak to a class about what he does and why plumbing is important.

AT THE WORK PLACE

- Hold a special event, such as a breakfast or morning tea, to celebrate.
- Post on your social media accounts or send out a newsletter about World Plumbing Day.
- Follow the World Plumbing Council on Facebook, Instagram, Twitter and LinkedIn and share our World Plumbing Day posts.
- Use our Fact Sheet- also found on our resource page of the worldplumbing.org website- to share plumbing facts.
- Put up our World Plumbing Day posters to raise awareness.
- Run a plumbing knowledge contest, call in to talk back radio, have a BBQ, bake cupcakes...World Plumbing Day can be celebrated in any manner.



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Plumbing improves the world