



MAJI SAFI GROUP PLANNING GUIDE

World Water Day March 22

Maji Safi Group teaches water, sanitation and hygiene (WASH) education and disease prevention in remote and impoverished areas of Tanzania.

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About the day

World Water Day began on March 22, 1993 as a day to advocate for the sustainable management of freshwater sources. In 2016, #worldwaterday had the potential to reach 1.6 billion people, and over 500 events in hundreds of countries were registered on the World Water Day website.

Maji Safi Group joins the celebrations every year!

World Water Day gives us the opportunity to take some time to examine our water situation, its sustainability, and how it relates to other situations around the world.

Health is our greatest wealth, and without access to clean and safe water, good health cannot be achieved.



Without water, there is no life!

Water is the center piece of life – without water, there is no life. Access to water, especially clean water, presents itself as one of the world's biggest inequalities and causes unimaginable hardships for hundreds of millions of people around the world. In addition to the quality of water we use, people need to become more conscious of the quantities of water we use and try to conserve as much of this invaluable resource as possible.



A person can live for weeks without food, but only about three days without water.

Facts about Water

- Worldwide, 783 million people do not have access to clean and safe water. Instead, they take water from unprotected sources contaminated with human, animal and industrial waste.
- Lack of clean water kills children at a rate equivalent to a jet crashing every 4 hours.
- In developing countries, as many as 80% of illnesses are linked to poor water and sanitation conditions.
- While it takes about 12 gallons per day to sustain a human, the average American uses about 158 gallons.
- 85% of the world's population lives in the driest half of the planet.
- More than 1/3 of Africa's population lacks access to safe drinking water.
- There are 119 million in China and 97 million in India without clean drinking water.
- 443 million school days are lost each year due to water-related diseases.
- In most regions of the world, over 70% of fresh water is used for agriculture. By 2050, feeding a planet of 9 billion people will require an estimated 50% increase in agricultural production and a 15% increase in water withdrawals.
- Less than 1% of the world's fresh water or about 0.007% of all water on earth is readily accessible for direct human use.
- Almost two in three people who lack access to clean water live on less \$2 a day.
- At any given time, half of the world's hospital beds are occupied by patients suffering from a water-related diseases.
- A standard water bill in developed countries is as little as 0.1% of the income of someone earning the minimum wage. In a country like Madagascar, people reliant on tanker trucks for their water supply spend as much as 45% of their daily income on water to get just the recommended daily minimum supply.



A world without water means no:

Oceans · Rivers · Waterfalls · Flowers · Trees · Animals · Birds · People · Swimming pools · Fountains · Snow · Rain · Clouds · Rainbows · Icicles · Lemonade · Ice cubes · Popsicles · Puddles · Waves · Fish · Whales · Sharks · Blue sky · Bubble baths · Showers · Plants · Icebergs · Butterflies



Print Materials

[FACT SHEET](#) about World Water Day 2019

[POSTER](#) — Water for All

[BOOKLIST](#) — Water and Water Scarcity

[ACTIVITY SHEET](#) — Water Use It Wisely

[INFOGRAPHIC](#) — Water for a Sustainable World
(for older students)

[ACTIVITY SHEET](#) — Grow a Salad

[LESSONS](#) — Collection of AIMS Water Activities
(for elementary school students)

Interactive Games, Activities and Videos

[BASICS POWERPOINT](#) — Water and Water Shortage with terms,
diagrams and fact sheet

[INTERACTIVE](#) — from Texas A&M

[INTERACTIVE](#) — Games and activities from NASA Climate Kids

[INTERACTIVE](#) — in Spanish — Use Water Wisely

[INTERACTIVE](#) — Water Cycle (beginner, intermediate and advanced)

[VIDEO](#) — The Water Carriers — Shirati, Tanzania

[VIDEO](#) — Celebrate the Gift of Water on World Water Day

[VIDEO](#) — The Power of Water by Matt Damon

[VIDEO](#) — Clean Water Changes Everything

Global Water Crisis Resources

[POWERPOINT](#) — Water 101: Global Water Facts (for older students)

[INFOGRAPHICS](#) (for older students)

[INFOGRAPHIC](#) — Water for a Sustainable World (for older Students)

[LESSONS](#) — Role-play Simulation Activities — [Village Voices](#) and
[Water Water Anywhere](#)

[VIDEO](#) — Water Crisis (cartoonist draws while telling the information)

[VIDEO](#) — The World Water Crisis (cartoon and video footage)

[VIDEO](#) — Water Changes Everything

[VIDEO](#) — Global Water Crisis/How Much Water Do We Really Use
Every Day?

General Links

[USGS Teacher Resources for Water Science](#)

[Water Use It Wisely](#) — Games, tips, activities for kids; resources
for teachers

[Discover Water](#) — a self-directed resource about different
water topics — ranging from global to personal perspective



Activity Ideas



- **Water is Our Friend:** Create a fun water jug character and identify the importance of water that makes it your friend. Take a picture of you and your new water friend. For a full lesson plan, please see page 5.
- **A World without Water Class Book:** Write and illustrate pages of a class book to show the impact and effects of not having water for needs and wants in your life. For a full lesson plan, please see page 5.

- **Using Music and Dance:** Have participants come up with a song and/or dance about water. If you make a creative video, Maji Safi Group will post it on their social media.
- **Tug of War:** (Dirty Water vs. Clean water): Tug of War is a classic game. Make one side the dirty water and the other side the clean water and have them duel it out.
- **Maji Safi, Maji Safi, Maji Chafu:** (Clean water, clean water, dirty water): This is

Maji Safi Group's version of the classic game Duck, Duck, Goose. This is a simple activity that can be used with any age group.

- **Awareness Booth:** Set up a booth full of materials in your school or workplace. Explain the facts about water. Use as many videos, visuals, and activities as you can.
- **Organize a Water Walk:** Have the children find sponsors who will pay them to carry a gallon of water one mile (or more). Donate the money to Maji Safi Group. For a full description, please see pages 6-7.

- **Organize a Water Bottle Drive:** Decorate bottles with student-designed labels and information about water. Bottles can be given to relatives, friends, neighbors etc. Fill bottles with change, dollars, and checks. Return to student's classroom teacher or school office on selected date. For a full description, please see page 6.

Please share your photos of your World Water Day event. Send to: info@majisafigroup.org



Lesson Plans

Water is Our Friend

Curriculum Areas: Literacy, Environmental Science, Art

Objective: Create a water jug character with an illustration and identify the importance of water that makes it our friend.

Materials: Empty or filled gallon jugs of water, copies of printed sheets, pencils, crayons, markers, glue, stickers, felt, googly eyes, fabric scraps, miscellaneous craft items.

Introduction: How is water our friend? We have learned all about the uses of water – from the necessary to the fun (drinking, bathing, cleaning and washing, swimming, fun beverages, fountains, bubbles, etc.). Today, we will write about one of these and then design a fun water jug friend, first on paper and then using available craft items.

Steps: Teacher will have student groups brainstorm/review how we use water as a necessity and for pleasure (can be written on chart paper, white board, smart board or be an oral exercise). Students will then write their response to the prompt: “Water is my friend because _____.” Students will then design their water jug friend on paper using pencils, crayons, markers, etc. After teacher reviews and discusses the drawing with students, they will use provided art materials to create their silly jug character.

TAKE PICTURES WITH YOUR FRIEND!

Conclusion: Today, we reviewed how important water is to us and had some fun creating an imaginary water jug friend. Just like friends take care of one another, we have the responsibility to care for water—our amazing and irreplaceable natural resource!



A World Without Water Class Book

Curriculum Areas: Literacy, Environmental Science, Art

Objective: Write and illustrate pages of a class book to show the impact and effects of not having water for needs and wants in your life.

Materials: Book binding materials, book cover, individual pages with one-word responses to prompt ideas, pencils, colored pencils, crayons, markers.

Introduction: We have been learning about the importance of water and now know how it is essential for all living things to survive. Our planet is the only one known to support life as a result! Could you imagine what our world would be like without water? What would it look like? What would not be present if we did not have water? What amazing sights? Sounds? Things we could no longer enjoy seeing and doing? Today, we will create a class book of what the world would be like without water.

Steps: Students will each be given a slip of paper with one of the selected nouns to complete the sentence: “A world without water means no _____”. Students will then illustrate the sentence in full color. Teacher will then assemble pages into a class book for the classroom library.

Conclusion: Today, we created a special story that is part fiction and part non-fiction. We have been learning the impact on our lives if we do not take the necessary steps to conserve this natural resource. We have also learned about areas of our planet where water is a scarcity and millions of people do not have the essential things they need, so they cannot enjoy many things we take for granted. This book is a meaningful text that can help influence others to be agents of change.

Lesson Plans



Organize a Water Bottle Drive:

- 1. TAKE:** Purchase cases of filled water bottles (or get them donated from local grocery stores). Alternatively, use recycled bottles. Replace labels with student-designed labels with information about World Water Day and facts about water. Fasten labels with rubber bands.
 - 2. DRINK:** Enjoy the water and think about how lucky you are to have clean drinking water every day!
 - 3. FILL:** Ask relatives, friends, neighbors etc. to fill bottles with change, dollars, and checks. Larger coins will need to be inserted by cutting the top off or making a slit in the top of a standard-sized water bottle.
 - 4. RETURN:** Return bottles to students' classroom teachers or school office on selected date.
- See suggested letter to potential donors on Page 7.

Organize a School Water Walk:

PLANNING:
Group students by classes or mixed groups of students from all grade levels into teams of 10-15 students (and at least one adult leader). For a simpler format, have individual students fill and carry a container. Invite siblings, family members, neighbors, etc. to join the teams.

Get buckets donated from local businesses (Home Depot, Lowe's, Firehouse Subs), or have school families bring them to the event.

Have students bring in their own containers to divide up and carry water from their group bucket.

Fill 5-gallon buckets with water for teams to divide up and carry among them.

You may invite your local fire department to join the event and fill buckets.

Have 'ice breaker'/event day questions to get to know each other and talk about the purpose of World Water Day and Maji Safi Group's work (attach to each 5-gallon bucket).

Map a one-mile course around the school for teams to walk. Can be multiple laps on the same loop.

Decorate the sidewalks/walkways with sidewalk chalk, balloons, signs, etc.

Invite local sport team mascots, district and city leaders, local sport heroes, and celebrities to join the event!

Invite local press to cover the event.

Find sponsors! Suggested donation: One dollar per foot = \$52.80 for a mile, but any dollar amount makes a difference!

Get refreshments donated by the PTA, families and local businesses.

Play music along the route on outdoor sound systems.

FIVE KEYS TO A SUCCESSFUL WATER WALK:

- * **Meet and Greet:** Divide into teams and get to know each other. Answer questions about the event, World Water Day and Maji Safi Group. Take group photos and selfies!
- * **Care and Share:** Every team member helps divide the 5 gallons of water, so everyone shares the load!
- * **Walk and Talk:** Get to know each other — talk, sing, dance, share stories and experiences along the way. Make new friends!
- * **No Haste, no Waste:** Walk carefully to avoid spilling. At the end of the walk, water trees, plants, grasses, etc. around your school in designated 'Dump Zones'.
- * **Have Fun in the Sun:** Have the event end with an all-school party — snacks, lawn games and activities, dancing, all-school photos, bubbles, sidewalk paintings, face painting, etc.

ALL donations to Maji Safi Group are tax-deductible (Tax ID: 46-1712301). Acknowledgment letters will be issued if requested!





WATER WALK CHALLENGE

World Water Day

March 22

Maji Safi Group



In March, classes will be learning all about the uses and value of water to gain understanding of the world water crisis and empathy for the people whose lives it impacts. Thousands of people have to walk miles every day to collect and carry water for their families. This water is highly contaminated, spreading diseases to millions. Having to fetch water for their families keeps girls out of school and women in unpaid labor.

The World Health Organization states that every year, more than 3.4 million people die from water-related diseases, making it the leading cause of disease and death around the world. In Tanzania alone, about 270 children under five die every day from largely preventable and treatable diseases.

We will be partnering with Boulder-based Maji Safi Group to support their work with water, sanitation and hygiene (WASH) education and disease prevention.

In the Mara Region of rural Tanzania, where 99 percent of the water is contaminated, Maji Safi Group has saved many lives and helped more than 365,000 people learn safe water, sanitation and hygiene practices. MSG uses creative education, primarily female community health educators, and art, song, and dance to inspire people to bring these lifesaving practices into their daily routines to improve the health of their families and communities. For more information visit:

www.majisafigroup.org

Student Challenge: Carry a gallon of water for one mile on a path around our school campus. Water will be provided — you bring the container.

Team or Family Challenge: Divide and carry 5 gallons of water for one mile on a path around our school campus. Create student teams or have family members participate in the event! We will provide and fill a 5 gallon bucket — team members must divide the water and carry it in containers they bring.

Student sponsorship: Sponsor your child for any amount to complete the challenge. Suggested donation: \$1 per foot for a total of \$52.80, but any amount helps.

Family sponsorship: Sponsor your entire family for this great event. Suggested donation: \$20 per person, but any amount helps.



NOTE: All students will participate regardless of ability to donate.

WEAR BLUE!

Start date and time: _____ **Teacher:** _____

Student name: _____ **Grade:** _____

Email: _____ **Pledge:** _____

ALL donations will go directly to Maji Safi Group’s programs in Tanzania!
Maji Safi Group is a publicly supported 501 (c)(3) non-profit — Tax ID: 46-1712301.
Acknowledgment letters for tax purposes will be issued upon request.