



Design**Outreach**



LIFE IN MALAWI TOUR KIT

*Welcome to the warm
heart of Africa!*

*Your tour kit includes
immersive activities to help
you experience the flavors
and sounds of Malawi.*



Welcome to a once in a lifetime experience where you will discover the warm heart of the Malawian people! Together, we will explore the flavors and sounds that are savored by the friendly, joyous members of a rural community, located in the Lower Shire River Valley of Malawi.

Your tour will be guided by a Design Outreach tour guide and your host.

Your tour guide has planned a special evening in celebration of the rainy season that follows a five-month dry period. With average daytime temperatures reaching 80 to 84 °F between May and September and little rain during these months, the surface water has evaporated into a wet mist that floats across the land. Now, with the rain approaching, the people of the land are eager to celebrate the quenching of a long thirst.

During the tour, your guide will share with you the biggest cause for celebration in the land for a growing number of communities - the arrival of Design Outreach and the LifePump! Be prepared to rejoice as you discover how this marvel of engineering is transforming life in rural communities.

ARE YOU READY TO START YOUR TOUR?

THIS TOUR KIT CONTAINS:

- ◆ Staple Malawian recipes
- ◆ Ingredients to make nsima (en-see-ma)
- ◆ A selection of Malawian tea & coffee
- ◆ Design Outreach Junior Explorer Activity Books
- ◆ Family-friendly Life in Malawi placemats



Visit www.doutreach.org/LIMexperience for a sneak peek at the Life in Malawi experience and enjoy traditional Malawian music!

TIP:

Check out your metro area to discover authentic African cuisine- often found in restaurants. FYI the dish nsima is similar to ugali, which is more commonly served in African restaurants in the US.





FREQUENTLY ASKED QUESTIONS

DAY BEFORE EVENT

Use the enclosed recipe cards to prepare the four Malawian dishes, or if time is limited, at least try the easy to make nsima and ndiwo.

DAY OF EVENT

When the day arrives, the Design Outreach tour guide will be prepared to deliver an unforgettable experience! Just sit back and relax.

WHAT IS DESIGN OUTREACH?

Design Outreach is a Christian humanitarian

engineering 501(c)(3) nonprofit organization that creates innovative appropriate technology to alleviate global poverty. Our high-quality solutions allow life to flourish and empower our mission partners to build trust with the communities we are privileged to serve.

WHERE IS DESIGN OUTREACH?

We are based in Gahanna, Ohio, and our technologies can be found spanning the globe from the Carribean to Africa. In 2020, we began the process of opening our Malawi field office in Lilongwe.

WHAT TYPE OF TECHNOLOGY DOES DESIGN OUTREACH DEVELOP?

LifePump™

Our flagship product, the LifePump, reaches deeper into the ground and lasts much longer than standard hand pumps available today, accessing aquifers filled with fresh, clean water. It produces water free of contamination without requiring filters or chemicals. About 30-40% of the water pumps installed in sub-Saharan Africa are only useful for 7-9 months of the year or are completely broken. The LifePump solves this problem by providing a steady flow of water year-round.

LifeTap

The LifeTap is an antimicrobial, self-closing valve that eliminates the loss of water due to leakage. According to the World Bank, 45 million cubic meters of water are lost daily due to water leakage in piped water or tank systems. That's enough water to meet the basic water needs of 640 million people.

LifePumpLink

With LifePumpLink, there are zero days without water. It is a satellite-based remote monitoring system that provides 24-7 observation, so technicians can provide tune-ups before any problems arise.





Four million people, in Malawi alone, do not have access to safe drinking water today.

autoLifePump

Clean, flowing water is so glorious that people flock to LifePump locations and the lines can become long. To meet the growing demand, the autoLifePump is a motorized upgrade to the LifePump that increases the flow of water by 3-4X and is equipped with a manual back-up to offset unreliable energy sources.

WHAT ELSE IS DESIGN OUTREACH DREAMING UP?

Design Outreach is bringing humanitarian engineering to a world that is fraught with challenges. Traveling across borders, locating supplies, training the people of the region, and partnering with local communities and local/national authorities all add complexity to our mission of alleviating global poverty through life-

sustaining technology. No problem, right? Here are some more things we're busy doing:

Supply Chain Development

In a region of the world where spare parts are not readily available or available at all, Design Outreach is creating a sustainable supply chain to build and install humanitarian technology in developing countries.

Malawi Field Office

Establishing a supply chain requires putting staff in place to train local and national authorities, work with mission partners to install LifePumps, and equip individuals to monitor the technology. We are in the process of funding the first three years of our Malawi Field Office to manage installation

projects, establish the supply chain, and test new appropriate technologies created by our R&D engineering team.

HandWASHing for ALL

With coronavirus indiscriminately sweeping the globe, our Malawi Field Office team recognized the imminent and devastating consequences to the rural families of Malawi, one of the poorest countries in the world. Our HandWASHing for ALL initiative empowered residents in LifePump communities to protect their families amidst the global pandemic with WASH (Water, Sanitation, and Hygiene) training, including education on handwashing, face mask wearing, and social distancing.

WHAT IS DESIGN OUTREACH'S #1 PRIORITY?

Four million people, in Malawi alone, do not have access to safe drinking water today. Our goal

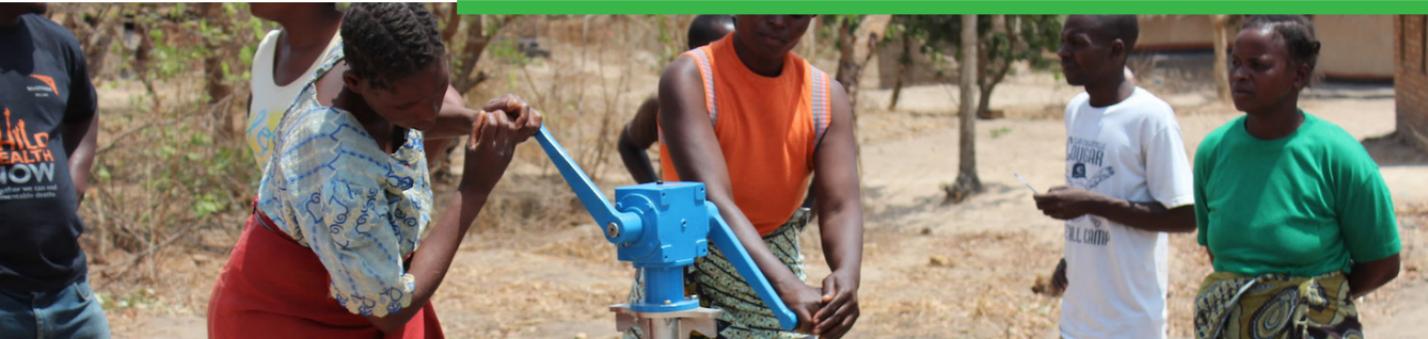
is to expedite production of LifePumps and our related appropriate technologies to address this immediate need. To accomplish this, we must completely fund our Malawi Field Office and begin manufacturing inside the country.

HOW CAN I HELP?

If you are blessed to be able to consider a gift to help fund the Malawi Field Office, please make a donation to this urgent priority. Donations can be made using the enclosed cards and envelopes or you can donate online at <https://doutreach.org/malawi/donate>

To host your own event, contact Rhonda Davis-Comoretto at 614.946.7686 or at rhondadc@doutreach.org.

WE THANK YOU FOR YOUR PARTNERSHIP.





Give the Life in Malawi Tour Kit

Ship family and friends their own tour experience around the world to discover the warm heart of Africa in Malawi!

Order Tour Kits at:

www.doutreach.org/LIMTourKit

Questions? Contact your host or Design Outreach:

Rhonda Davis-Comoretto
rhondadc@doutreach.org
614-946-7686

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- A selection of Malawian tea & coffee
- Design Outreach Junior Explorer Activity Books
- Family-friendly Life in Malawi placemats
- Access to downloads for traditional Malawian music and cultural tour experience