



Make it BioGlo.

BioGlo, a unique handheld aquarium, enables anybody to experience one of nature's most beautiful phenomena: bioluminescence.

It's a microbe's world, and we just live in it. Their diverse characteristics and unique abilities are borderline supernatural, with some species able to generate electricity, sense magnetism, or even emit light! Like tiny superheroes these amazing creatures are a reminder of what makes life itself so exceptional.

Inside its stylish hourglass shape, BioGlo contains hundreds of tiny microbes called dinoflagellates (a.k.a. dinos). These dinos have the natural ability to absorb the sun's rays during the day and emit a mysterious blue glow when shaken at night. By providing the right conditions for the dinos to thrive, BioGlo makes it easy to care for the microbes and observe their bioluminescent effect in the comfort of your home.

BioGlo offers an exciting way for people to have "first contact" with the microbial world. Like a pet or plant, the experience of caring for dinoflagellates is similar to maintaining a typical aquarium, making BioGlo a great entry-level experience for people interested in learning about marine ecosystems or building an aquarium. Like other marine life, dinoflagellates require proper control of environmental conditions and a regular supply of fresh nutrients.

Available for [pre-order](#) now on Kickstarter!

Modes of Use

There are a few primary ways to interact with the dinos:

Bubbling

Simply letting BioGlo bubble calmly on your nightstand is an effective way to ease your mind when going to bed. As the microbes ride each air pocket upward to the water's surface glowing along the way, you too may find your mind drifting off into a deep sleep.

Streaking

Like little bolts of lightning, watch the dinos dazzle as they travel down the side of the hourglass body. This is one of the most effective ways to see the glow of each individual microbe and to prolong the effect for as long as possible.

Whirling

By whirling or gyrating BioGlo you will behold a stunning display as hundreds of dinos light up together all at once, forming a dazzling vortex of light.

BaseLight Accessory

To help users care for their microbes, the BaseLight accessory is also available. The system enables users to automate control of the lighting conditions, sense undesirable changes in room temperature, and make it possible to alter the circadian rhythm of the microbes so that they glow during daylight hours.

Hourglass Form

By invoking a reference to the passage of time, BioGlo's hourglass form is simultaneously a nod to the dinos' circadian rhythm as well as our evolutionary origins. In this way we hope it gives pause for consideration by highlighting the complexity of life even at the smallest of scales.

Visibility

BioGlo showcases the microbes' bioluminescence by making it possible to view them from any angle. At night the aquarium's optical clarity makes it seem as if the microbes are floating midair before you.

Materials

The design makes use of appropriate materials to ensure that, from its textured hand grips and waterproof construction to its recyclability and ease-of-use, the experience of using BioGlo has been thought through from beginning to end.

Aesthetics

The simple but elegant shape of BioGlo is designed to blend seamlessly into a stylish, design-conscious home environment without sacrificing the functionality needed to create an engaging experience. BioGlo is available in 2 color options: black and white.

About Magical Microbes

Magical Microbes is the developer of award-winning STEAM** education products that focus on the unique abilities of microbes. They are the makers of the MudWatt, a battery which produces clean energy from mud, and DoughLab, which explores the science involved in making bread. Magical Microbes is based in Menlo Park, California and brings together a unique combination of microbiological expertise and experience in consumer product design. Founded in 2015, Magical Microbes' products have inspired thousands of educators, parents, and students worldwide.

** STEAM is an education industry acronym which stands for Science, Technology, Engineering, Art, and Mathematics

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Award Winning STEAM Fun