

**Application:** SOURCE for Schools

**Site Name:** Copper King Elementary School

**Location:** Glendale, Arizona, USA

**Climate-Type:** Subtropical Desert

**Array Size:** 10 Panels

## Project Overview

Installed at Copper King Elementary in the Pendergast School District of Glendale, Arizona, this array brings high-quality, delicious water to the school's STEAM Academy students. Water dispensed from the school's traditional drinking fountains has an unpleasant taste, leaving students to turn to bottled water or sugary drinks for hydration. This installation not only brings delicious hydration to the classroom, but serves as a demonstration of technology and science at work in the world.



## SOURCE at Copper King Elementary School

The Zero Mass Water installation team performed the installation of 10 SOURCE Hydropanels over the course of 2 days. Making water in the middle of the arid Sonoran Desert, each SOURCE Hydropanel creates between 2–5 liters of water per day for the students and teachers to enjoy.



## SOURCE Usage and Satisfaction

“We are so excited to have the opportunity for our students to see real-world innovative engineering in action. Plus, the kids really love the idea that their water comes from the air!”

– Rachel K.

“The Zero Mass Water project allows students to learn about engineering clean water via solar energy. Our excellent teachers and administrators facilitated a life memorable opportunity for these middle school students. For some, it may influence career trajectories and that is so meaningful.”

– Cindy W.