

# SCIENCE ALIVE



*Sparking curiosity through real-world application.*

## WHO WE ARE

The Desert Research Institute's Science Alive PreK-12 programs are part of the STEM Stream at DRI, which is a career-long and lifelong continuum for STEM research, education, and application. We offer experiential learning opportunities that support individuals pathway to the STEM knowledge economy and workforce.



## OUR GOALS

• Create opportunities for lifelong learning through quality research, focused experiences and environments.

• Foster an interest in STEM education and the research missions of DRI.

• Support Nevada's economic development and emerging industries through experiential learning opportunities for a STEM workforce"



Science Alive produces various program components integrated together into a continuum of support for Nevada's educators. Our program offers innovative and unique subject-based **Green Boxes**, teacher trainings, school support, and community engagement experiences.

## CONTACT

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## GREEN BOXES

Customized to encompass applied science, 21<sup>st</sup> century technology, and environmental science and STEM topic areas. Green Boxes are uniquely designed to support the teacher training component of the Science Alive program. The curriculum contained in each Green Box provide educators with lesson plans, consumable materials, books, and hands-on teaching tools to help students learn about and engage in environmental science and STEM topics.



## TEACHER TRAININGS

Teacher trainings workshops and intensives are designed to give PreK-12 educators in-depth background and hands-on experience with Science Alive's STEM-focused environmental science curriculum. These sessions allow Science Alive and partner organizations to walk teachers through lessons and activities, offer suggestions for classroom implementation, and demonstrate ways in which Science Alive materials and resources can be utilized to meet Next Generation Science Standards.



## SCHOOL SUPPORT

Science Alive works with schools on special projects that enhance STEM learning. These activities showcase DRI research faculty and offer class visits, presentations, or virtual calls, field trips, DRI campus tours, and more.



## COMMUNITY OUTREACH AND ENGAGEMENT

Science Alive is dedicated to increasing community interest and awareness in STEM by participating in a variety of events and hosting our annual DRI campus Open Houses. These events engage the public through exciting hands-on activities, and demonstrations highlighting the global research DRI conducts annually.

