



SCIENCE ALIVE

Sparking curiosity through real-world application.



DRI

science **alive**

The Desert Research Institute's (DRI) 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.

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.

OUR GOALS

1. Create opportunities for lifelong learning through quality research, focused experiences and environments.
2. Foster an interest in STEM education and the research missions of DRI.
3. Support Nevada's economic development and emerging industries through experiential learning opportunities for a STEM workforce.



NEVADA SCIENCE, GLOBAL SOLUTIONS

The Desert Research Institute (DRI) is a recognized world leader in basic and applied interdisciplinary research. Committed to scientific excellence and integrity, DRI faculty, students, and staff have developed scientific knowledge and innovative technologies in research projects around the globe. Since 1959, DRI's research has advanced scientific knowledge, supported Nevada's diversifying economy, provided science-based educational opportunities, and informed policy makers, business leaders, and community members. With campuses in Reno and Las Vegas, DRI serves as the non-profit research arm of the Nevada System of Higher Education.

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DRI

Desert Research Institute



SCIENCEALIVE.DRI.EDU

SCIENCE ALIVE AT A GLANCE (2017-2018):

662 teachers trained

23,400 students reached

522 schools served since

2012 (over 70% of all Nevada schools)

33 Green Boxes, with more in development



STAY IN TOUCH!

Sign up for the Science Alive Connect newsletter to receive updates about teacher trainings, Green Box registration, and more.

tinyurl.com/sciencealivenewsletter



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THE DESERT RESEARCH INSTITUTE
IS PART OF THE NEVADA SYSTEM OF
HIGHER EDUCATION.



GREEN BOXES

Customized to encompass applied science, 21st 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.

COMMUNITY OUTREACH & 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.

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.

CONTACT US

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