

# STEM Leaders Academy 2022-2023

## Overview & Schedule



Nevada Governor's  
Office of Science,  
Innovation and  
Technology



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Thank you for your interest in the STEM Leaders Academy. The Governor's Office of Science, Innovation and Technology, in partnership with the Southern Nevada Regional Professional Development Program, invites school teams to participate in a year-long cohort with the goals of increasing equity and broadening participation in STEM amongst underrepresented groups; increasing students' interest, achievement, and awareness of STEM and STEM careers; and growing teacher and administrator capacity in creating high-quality STEM learning environments.

The STEM Leaders Academy is designed to support Nevada's K-12 schools in developing a plan for enhanced STEM learning experiences. Academy participants learn about high-quality STEM school attributes, complete self-evaluations and reflections, and create a path toward their ideal STEM schools. Academy completers have access to apply for a grant up to \$20,000 per school to launch their strategic plans.

### Goals

- Understand the [Nevada STEM Framework](#) and the designation application process
- Define STEM and identify how STEM is beneficial for students
- Develop a long-term STEM strategic plan
- Identify resources, professional learning and tools to advance STEM at the school

### Outcomes

- Increased understanding of the Nevada STEM Framework and the designation
- 5-year STEM strategic plan specific to your school
- Access to grant funding up to \$20,000 to implement the plan
- Credit for attendance (license renewal hours)

### [Governor STEM School Designation](#)

Please note, participation in the academy is not required to become a designated Governor STEM School. Alternatively, completing the academy does not result in an automatic designation. The designation involves an application process that is separate from the academy. The academy will, however, prepare your school for the designation application process.

- The Designation means that the school meets the attributes of a HQ STEM school, as outlined in the Nevada STEM Framework

- Designated schools can use the designation as a marketing tool
- Designated schools receive a banner and a digital seal to display
- Designated schools join the Designated STEM Schools Network with access to exclusive funding, professional learning, and networking opportunities
- Designated schools are invited to a recognition event

### **School Teams**

Schools accepted into the STEM Leaders Academy will be expected to create a STEM Leadership Team. The team must attend all meetings and workshops across the school year.

- Teams should be 5-8 members, and include a variety of grade levels and subjects.
  - Example: principal, kindergarten, 3rd, 5th, STEAM specialist
- Teams must include an administrator. Administrative support is imperative to the success of shifting the school culture.
- Teams must stay the same throughout the year. You may not substitute team members for any of the workshops.

### **Application Process**

- **Apply for the STEM Leaders Academy [here!](#)**
- Applications are due April 18th by midnight.
- Schools that demonstrate capacity, readiness and potential will be contacted the week of April 18th to schedule a short (15-20 min) virtual interview to occur the week of April 25th.
- Accepted schools will be notified of acceptance the week of May 2nd.
- Note the academy welcome session will take place on May 10th.

Please contact  
Tracey Howard at [t.howard@gov.nv.gov](mailto:t.howard@gov.nv.gov)  
with any questions.

**Apply for the STEM Leaders Academy [here!](#)**

See the year's schedule on the following page.

## Schedule (Subject to Change)

\*Optional, will require ½ day subs (paid by the school)

\*\*Required, will require ½ day subs (paid by the school)

What	Date	Time	Location	Topics
<b>Welcome</b>	5/10/22	4-5pm	Zoom	Academy Overview Fall Assignments
<b>Independent Study</b> (learning menu will be provided)	Aug-Oct	12 hrs at your pace	Your school	What is STEM? Why STEM? Shifting to STEM
<b>*STEM School Open Houses</b>	11/17/22	TBD 3 hours	TBD	Visit Designated STEM Schools to observe and speak to STEM teams
<b>NV STEM Framework Workshop #1</b>	1/20/23	4:15 - 7:15pm	SNRPDP	School category of the Framework STEM Mission/Vision Equity in STEM
<b>NV STEM Framework Workshop #2</b>	1/21/23	8:30 - 2:30pm	SNRPDP	Classroom category of the Framework Problem-Based Learning Assessment
<b>NV STEM Framework Workshop #3</b>	1/27/23	4:15 - 7:15pm	SNRPDP	Community category of the Framework Family engagement Industry engagement
<b>NV STEM Framework Workshop #4</b>	1/28/23	8:30 - 1:30pm	SNRPDP	Strategic planning
<b>**Planning Session</b>	2/27/23 - 3/3/23	3 hours	SNRPDP	Write your strategic plan with facilitators -Each school team will select a morning or afternoon this week to meet with facilitators 1-1 -Subs required Grant Application
<b>Additional planning sessions, as needed</b>	March - April	TBD	Virtual	School teams may need to schedule additional virtual meetings with facilitators to complete the strategic plan and grant application.
<b>2022 hours for license renewal:</b>		15 hrs		
<b>2023 hours for license renewal:</b>		19 hrs		