# Nevada Governor's Designated STEM School Application

# Application Process



The STEM Advisory Council is charged with identifying and awarding recognition to not more than 15 schools in Nevada each year that demonstrate exemplary performance in STEM. These schools are designated as Governor's STEM Schools and are recognized at an annual recognition event held in Carson City. Designation as a Governor's STEM School denotes that the school meets the highest standards of STEM instruction and is a model for schools around the state. Designations may be used to promote the school.

**Eligibility**

Any K-12 school in Nevada is eligible to apply

**Deadline**

Applications are due February 19, 2019 at 5:00pm

**Timeline**

Applications will be reviewed in February. Schools under consideration to be designated as a Governor's STEM School will be contacted to schedule a site visit in March or April. Designated schools will be announced in May and honored at a recognition event at the Governor's Mansion.

**Application Instructions**

Please respond to the questions below. Please double space your application and use 12-point font. Label each response with the question number you are responding to. Where possible, reference specific examples. Email your completed application to Brian Mitchell as a pdf.

Brian Mitchell, Director of OSIT- blmitchell@gov.nv.gov

## APPLICANT INFORMATION

1) First and Last Name and Job Title

2) School Name and Physical Address

3) Email Address and Phone Number

4) Describe your school's history and the community you serve. Include the number and demographics of the students served by your STEM program (500 word maximum)

## CURRICULUM PRACTICES

5) Describe how and how often STEM is taught at your school and how STEM is used to develop problem solving, critical thinking, and collaborative skills. (500 word maximum)

6) Describe the degree to which STEM content is integrated within classroom instruction with non-STEM content areas such as Art, PE, English, Language Arts, Social Studies and Health. (500 word maximum)

7) How is STEM learning assessed? (500 word maximum)

## LEARNING ENVIRONMENT

8) Describe to what extent STEM instruction is available on a fair and equal basis to all students in a culture that is welcoming, stimulating and nurturing. (500 word maximum)

# STEM INSTRUCTION

9) Describe how teachers at your school facilitate student learning through inquiry during STEM-related experiences inside and outside the classroom. (500 words maximum)

10) Describe the extent to which students work collaboratively to find solutions to local and global problems. (500 word maximum)

11) Describe how STEM instruction is tied to future STEM career development and preparation. (500 word maximum)

# SCHOOL LEADERSHIP

12) Describe the degree in which administrators support STEM-related experiences within school such as scheduling, funding, time for collaboration and opportunities for professional learning. (500 word maximum)

# STAKEHOLDER ENGAGEMENT

13) Describe the degree of family engagement and collaboration in support of STEM experience within the school and/or classroom. (500 word maximum)

14) Describe STEM partnerships with the community, industry, business, higher education etc. (500 word maximum)

## SELF ASSESSMENT

Please conduct a self-assessment of your school's STEM attributes using the Nevada STEM Framework, found here: http://osit.nv.gov/STEM/Gov_Designated_STEM_Schools/

1) Using your self-assessment, please identify two areas of strength that you would like to improve, either by implementing more deeply or more broadly. Describe your plan, the steps you will take, and the expected results. (500 word maximum)

2) Using your self-assessment, please identify two areas for growth that you plan to investigate or improve. Describe your plan, timelines, resources and partnerships that could support your efforts, and why you believe the changes will have a positive impact on students. (500 word maximum)

3) What is one thing the State could do to support your efforts to provide a high-quality STEM experience for your students? (500 word maximum)

Please submit the results of your self-assessment and your answers to the three follow up questions as a PDF attachment to your application.