**What are the State of Nevada Science, Technology, Engineering, and Mathematic (STEM) standards?**

STEM is a curriculum based on the idea of educating students in four specific disciplines — science, technology, engineering and mathematics — in an interdisciplinary and applied approach. The adoption of the Nevada Academic Content Standards for Science (NVACSS), derived from the Next Generation Science Standards (NGSS), by the Nevada Department of Education (Feb 2014) reflects the reality that science is so much more than just the rigid Scientific Method and “hypothesis based” science that has historically been taught in schools.

The NVACSS allows for:

* Integrated teaching STEM disciplines with reading
* Encourages the application of practices and knowledge

STEM learning incorporates skill sets such as:

* Asking questions
* Collecting and analyzing data
* Communicating information
* Creativity
* Inquiry Skills
* Math & Science Skills
* Engineering-Design Thinking
* Critical Thinking
* Team collaboration

**Why establish a community partnership with the State of Nevada?**

Business leaders in Nevada are increasingly concerned about the lack of a highly skilled pool of workers for their companies. An unforeseen result of the former “No Child Left Behind Act” was that many schools in Nevada reduced or deleted instruction in science, technology, physical education, and the arts, to meet requirements in math and reading. This resulted in Nevada’s lagging science scores, and lack of science and mathematics content knowledge and credential requirements of Nevada’s K-8 teachers.

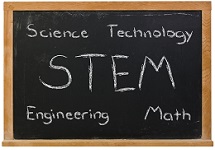
Given the challenges of limited qualified teachers and rising expectations, the importance of high-quality Community Partnerships has risen to a new high. The desire for partnerships that allows for the sharing of respective knowledge and the creation of authentic, fun and interesting curriculum is at a premium.

When you establish a partnership with the State of Nevada, you can:

* Share your technical knowledge with students
* Introduce our students to the practical scientific and engineering practices you use at your company
* Provide practical use cases that our teachers can apply in their (STEM) curriculum.

**Next Steps**

1. Decide what type of partnership best suits your business and prepare a listing of what you are willing to offer.
2. Consider how you are going to handle sensitive information and safety hazards.
   * Inviting students and teachers into your workplace may provide unique challenges regarding trade secrets and/or safety.
   * Considering these potential situations beforehand will help you be better prepared for visitors.
   * If people are not coming to you, but you are sending employees out to represent your company, consider providing guidelines for what can and cannot be shared.



**Establishing a community partnership**

**Operational Community Partnership Types**

Financial Partnership

Financial partners contribute money to an entity. The money may be used for a variety of purposes, but the partnership is exclusively monetary; there is no expectation that services, such as expertise or materials, will be provided.

Material or Resource Partnership

Material or resource partners contribute materials or resources (supplies) to an educational entity.

Special Event Partnership

Special event partners serve at/for an event or host an event. Special events can be science fairs, science festivals, competitions. or lecture series. Special event partners provide expertise (i.e. judges), or meeting space. Special event partners can also provide monetary support, in conjunction with other contributions.

Content Knowledge Partnership

A content knowledge partners provides expertise on a subject. For students, the outcome is usually in the form of a classroom lecture or field trip. For teachers, the outcome may be professional development on a subject or topic, or special training.

Career Awareness Partnership

A career awareness partner provides the opportunity for students to be exposed to careers. Activities such as career fair participation, mock interviews, internships, and field trips to businesses would align with a career awareness partnership.

Mentor Partnership

A mentor partner supports for an extended period of time and supports students (or teachers) in the production of a product or in support of a project.

Internship Partnership

educators and business leaders can work together to provide real-life experiences to students. Student internships are supervised work experiences, or full-time, and can be paid or unpaid.

**Contact Us:**

* [Nevada Governor’s Office of Science, Innovation & Technology](http://osit.nv.gov/STEM/STEM/)
* [Community Partnerships Subcommittee](http://osit.nv.gov/STEM/Community_Partnerships_Subcommittee/)



**Establishing a community partnership**

**Next Steps**

1. Decide what type of partnership best. Research your local area to determine if there is a formal Community Partnership Office for your local school district.
   * If yes, contact them and they will guide you in your next steps. School district contact information can be found on the Department of Education website.
   * If no, contact the school of interest directly and start a conversation about a potential partnership. Before calling, it is a good idea to know what you want to offer the school, with as many specifics as possible.
2. Select who to send and represent your business
   * Determine if it is an individual or team that can work with the students.
3. Prepare for the engagement

* Determine how you would like to partner with the State of Nevada Office of Science, Innovation & Technology