

2018 Challenge: *Ahead of the Curve*

Challenge Topics:

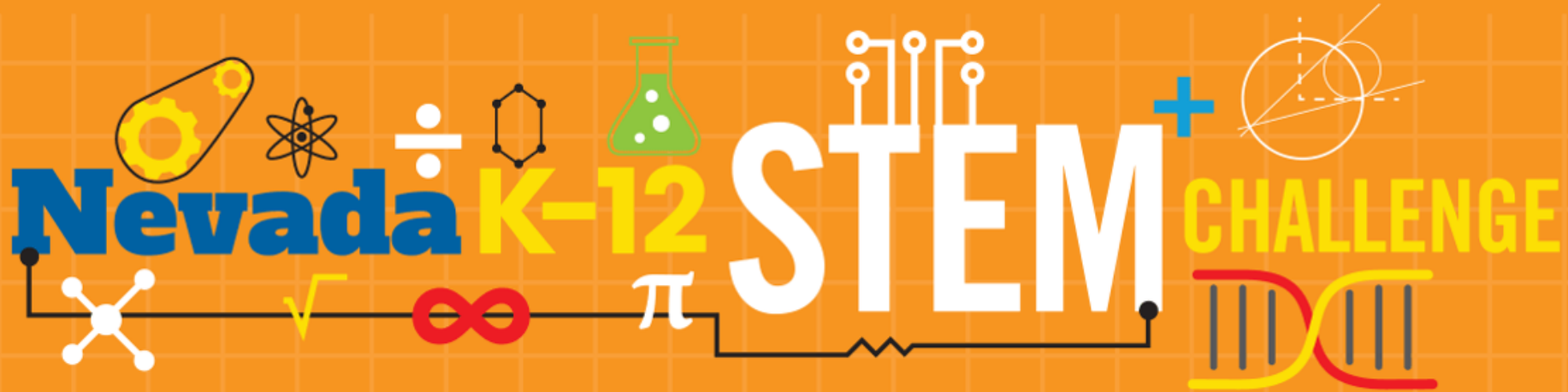
Energy- Energy storage, microgrids, “smart grid” communication, efficiency and renewable energy are part of an energy revolution that holds promise for lowering costs and improving performance.

Transportation- Drones, electric vehicles, autonomous vehicles and ridesharing are reshaping the movement of people and goods with potential upsides for safety, convenience, mobility and accessibility.

How can we be ready for these challenges and opportunities? What will you invent?

“The world is changing rapidly due to amazing new digital and advanced technologies. These technologies are transforming our daily way of life and altering the ways businesses and industries operate. From how we heat and cool our buildings to the cars we drive, or that drive themselves, we are witnessing what some have declared the “fourth Industrial Revolution.” Given the implications for their citizens and economies, *I am looking for ideas to leverage the opportunities these new technologies present and tackle challenges so that Nevada stays ‘ahead of the curve.’*” – Governor Brian Sandoval





About the Challenge:

The Nevada K-12 STEM Challenge is about engaging students and teachers to use STEM concepts to help solve some of Nevada's biggest challenges. This school year, the Governor has invited every student, group of students, or classroom in Nevada to examine the challenges in energy and transportation. We are looking forward to seeing your solutions using STEM concepts and innovative technology at two regional student recognition events in the spring.

Recognition Event Details:

There will be two events, one April 30th at CSN and the other May 2nd at TMCC.

[RSVP by March 30 at: www.stemhub.nv.gov](http://www.stemhub.nv.gov)

Students will have the opportunity to showcase their projects.

Industry professionals will be invited to view the projects and ask the students questions about their solution. Please be prepared!

Questions? Contact Brian Mitchell- blmitchell@gov.nv.gov