Nevada Tahoe Teacher STEM Institute (NTTSI)

Join us for an action packed week at Tahoe Environmental Research Center

General Information:
- Sunday, July 27th 3:00 PM check-in – Friday, August 1st 1:30 PM head home. With four follow-up Saturdays 9/13/14, 11/22/14, 1/31/15, 3/7/15 all 8 AM – 4 PM location TBA or online
- Summer Institute will take place at the Tahoe Environmental Research Center (TERC) on Sierra Nevada College campus, Incline Village, Nevada

NTTSI will provide:
- Food and lodging during the institute at TERC
- Books, teaching supplies and materials to use in your classroom
- Stipend ($780 at end of institute)

Participants will cover:
- Travel expenses to/from TERC
- Travel to/from follow-up Saturdays or attend online
- Option for 2 Graduate credits from Sierra Nevada College at a cost of $608.00

The Nevada Tahoe Teacher STEM Institute (NTTSI) will serve 60 K-9 teachers statewide. NTTSI summer will be held at the Tahoe Environmental Research Center (TERC) 291 Country Club Drive, Incline Village, Nevada, and will include over 40 hours of intensive professional development exploring environmental issues with major foci on content knowledge in physical science, life science and earth/space science. Teachers will conduct on-the-lake investigations and research aboard the TERC research vessel, work in the TERC laboratory, participate in hands-on science and Project WET activities, and understand how to use GEMS resources. Participants will set-up and learn to use powerful, free online 21st century learning tools to enhance their instruction. Teachers will be divided into grade bands (K-2, 3-5, and 6-9) to collaborate in planning lessons that address NVACS (NGSS, ELA and Math) to implement in their classrooms.

NTTSI is a collaboration between the Washoe County School District (WCSD) and Northwest Regional Professional Development (NWRPDP). Other partners include: University of Nevada Reno (UNR) College of Education; Sierra Nevada College; Nevada Outdoor School; Nevada GEMS (Great Exploration in Math and Science); and Tahoe Environmental Research Center (TERC).

Funded by a Nevada State Math Science Partnership Grant from the Nevada State Department of Education
Nevada Tahoe Teacher STEM Institute (NTTSI)  
Application Instructions

How to Apply
- Complete the application form
- Have your principal sign the endorsement page
- Return completed application to Kelly Cannon by any of these methods:
  1. Email: kcannon@washoeschools.net
  2. WCSD School mail: Kelly Cannon, Curriculum & Instruction, RCTL Edison
  3. Fax: 775.861.4485
  4. Mail - address:
     Kelly Cannon  
     WCSD Curriculum & Instruction  
     380 Edison Way  
     Reno, NV  89502

Evaluation Criteria
- Completeness of application (including the submission of a principal endorsement)
- Submission by the application deadline: May 5, 2014 at 5 PM PST
- Evidence of commitment by the applicant to professional development
- Evidence of a planned positive effect on the applicant's classroom instruction
- Must be employed as a full-time certified teacher in Nevada for the 2014/15 school year

Responsibilities of Participants
- Teachers selected for this program will be expected to provide their own transportation to/from the Tahoe Environmental Research Center at Incline Village, Nevada, for the one week institute and follow-up Saturdays
- Teachers selected for this program will be expected to participate fully and constructively in all activities scheduled as part of the program, including all four follow-up Saturdays
- Teachers selected for the program will be expected to share lessons and resources developed during the institute to be posted and shared online

Additional Information
- Payment of $780 stipend will be processed after the March 7, 2015 class
- GEMS kits will be available for classroom use
- Enrollment is limited to 60 certified Nevada teachers with teaching assignments for 2014-15 academic year
- All applicants will be notified by May 19th regarding their acceptance into the institute
Nevada Tahoe Teacher STEM Institute (NTTSI)
Application – Page 1
Please Type or Print Neatly

Full Name:_________________________________________________________________________________________________

Email Address:________________________________________________________________________________________________

Home Address:_________________________________________________________________________________________________

Home/Cell Phone(best contact number):_____________________________________________________________________________

School Name & District:__________________________________________________________________________________________

School Address:_________________________________________________________________________________________________

School Phone: ___________________________________________ School Fax:_______________________________________________

Grade Level and Subject(s) Taught_______________________________________________________________________________

Anticipated Grade Level/Subject Assignment for 2014/15_____________________________________________________________

Years teaching  ☐ First year  ☐ 2-5 years  ☐ 6-10 years  ☐ 11-15 years  ☐ 16+ years

Principal’s Name:________________________________________________________________________________________________

Leadership Position(s) Held:_____________________________________________________________________________________

Current Teaching Certification(s):______________________________________________________________________________

Degrees Earned: _______________________________________________________________________________________________

Free and Reduced Lunch Participation of your school site (in %): _____________________________

Ethnicity of School Student Population (in %): _____________________________

I am applying as an individual ☐ part of a school team ☐

Name Any Other Teachers in Team Applying:

______________________________________________________________________________________________________________

______________________________________________________________________________________________________________
1. Why are you interested in participating in NTTSI?

2. How do you think the content and activities of NTTSI will positively impact your teaching?

3. In what way will your school or district benefit from your participation in NTTSI?

4. What areas of science are you/will you be responsible for teaching?

5. What type (if any) portable on-line device(s) can you bring to use at NTTSI?

6. Are you interested in the 2 graduate credits from Sierra Nevada College? (You will be responsible for the cost of the units - $608)
STEM Application – Page 3

Principals – Please return to applicant for submission

Principal’s Endorsement of Teacher Participation in the Nevada Tahoe Teacher STEM Institute (NTTSI)

TEACHER APPLICANT: ________________________________________________________________

The teacher named above is applying for participation in the Nevada Tahoe Teacher STEM Institute (NTTSI). Participating teachers will be involved in professional development relating to implementing the Next Generation Science Standards. The application process requires teachers to secure the endorsement of their principals using this form.

By your signature below, you –

● endorse this teacher as a participant in the NTTSI
● confirm that this teacher is a certified, full-time teacher at your school and is planning on returning 2014/15
● affirm that this teacher is encouraged to share the knowledge and skills gained from this professional development with others in a spirit of constructive collaboration
● affirm that this teacher is encouraged to use the knowledge and skills gained from this professional development in the classroom

Principal’s Signature______________________________________________________________

Principal’s Name (Printed)___________________________________________________________

Date: __________________________________________

Should you have any questions about the Nevada Tahoe Teachers STEM Institute contact: Kelly Cannon at 775-762-5788 or email: kcannon@washoeschools.net