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MEMORANDUM NO. 2014-079

TO: School District Superintendents
School Principals
Curriculum Directors
Instructional Facilitators and Coaches
School Counselors, Grades 7-12
Mathematics Teachers, Grades 7-12
Science Teachers, Grades 7-12
CTE Teachers

FROM: Teri Wigert, Administrator
Support Systems and Resources Division

DATE: June 02, 2014

SUBJECT: 2014 FREE Roadmap to STEM Conference in Laramie, WY

FREE ROADMAP TO STEM CONFERENCE AUGUST 6TH-8TH, 2014 IN LARAMIE, WY

Conference featuring practical information about STEM program implementation.

CHEYENNE - The Wyoming Department of Education (WDE) would like to extend an invitation to attend the Roadmap to STEM Conference on August 6th, 7th and 8th in Laramie, Wyoming at the Hilton Garden Inn. The goal of this conference is to provide practical information to educators, administrators, curriculum coordinators and counselors at the secondary and postsecondary levels about STEM program implementation.

The conference will include a number of hands-on workshops, interactive sessions, and a half-day STEM experience during which attendees will participate in STEM-related activities, projects, research, curriculum or industry. Workshops, sessions, and keynotes will emphasize the delivery of content knowledge in forms that are accessible to students and ways that STEM programming can be implemented and taught effectively and engagingly.



Roadmap to STEM Conference registration, Presentation Proposals, and STEM Educator of the Year nominations now open!

Presentation proposals are currently being accepted, as well as nominations for STEM Educator of the Year, which will be presented at the STEM Gala on the evening of August 6th. To nominate a STEM Educator of the Year for K-6, 7-12 or post-secondary, please complete the respective nomination forms found at the links below.

K-6 Nomination Form: <https://www.surveymonkey.com/s/k-6STEMAWARD>

7-12 Nomination Form: <https://www.surveymonkey.com/s/7-12STEMAWARD>

Post-secondary Form: <https://www.surveymonkey.com/s/Post-SecondarySTEMAWARD>

Hotel accommodations for attendees will be provided, and there are no fees associated with conference registration. Registration is currently open and can be completed on the following site: <http://roadmaptostem.eventzilla.net>.

For more information about presentation proposals, the STEM Educator of the Year, or the conference in general, please contact Tonya Gerharter, Education Consultant, at (307) 777-6808 or tonya.gerharter@wyo.gov.

Memo attachments:

- Roadmap to STEM Save the Date
- Request for Proposals



Request for Proposals

The Wyoming Department of Education invites you to submit a proposal for the Roadmap to STEM Conference. The goal of this conference is to provide practical information to educators, administrators, curriculum coordinators and counselors at the secondary and postsecondary levels about STEM program implementation (including activities, hands-on application, resources, funding opportunities, etc.).

We would like this information to be presented in a way that encourages pedagogical content knowledge, emphasizing the delivery of content knowledge in forms that are meaningful to students. In other words, the emphasis should not just be on *what* is implemented and taught, but *how* it can be implemented and taught effectively and engagingly. STEM should be addressed as comprehensively as possible, including all elements rather than just one (e.g. addressing Science, Technology, Engineering and Mathematics, rather than Mathematics alone), though there can be emphasis in one area. It will also be important to provide educators and administrators the tools needed to sustain STEM programs long-term.

Proposals will be accepted for the following sessions:

- 60-Minute Break-Out Workshop on Wednesday, August 6th (10:30 – 11:30 a.m.)
- 50-Minute Breakout Session on Thursday, August 7th (8:30 – 9:45 a.m. OR 10:00 – 11:15 a.m.)
- Half-Day STEM Experience on Friday, August 8th (8:00 a.m. – 12:00 p.m.)
 - This session will allow participants to *experience* STEM activities, projects, research, curriculum and industry, especially including hands-on participation.

Please keep in mind that we prefer that the session encourage active learning and demonstrate innovative thinking. If you're interested in preparing a workshop, breakout session, or half-day STEM Experience session, please submit an electronic document containing the following to Tonya Gerharter at tonya.gerharter@wyo.gov:

- Name, Title, Company/Institution, Address, Phone # and Email
- Session Type (50-minute Breakout Session; 60-minute Short Workshop; Half-Day STEM Experience)
- Session Title
- Session Description (200 words or less)
- Session Location (space will be available at the Hilton Garden Inn for all sessions, but transportation will be available for off-site sessions as well)
- Learning Objectives for Session
- Instructional Methods and Required Equipment/Space/Transportation, etc.

To be considered, please send submission this no later than **July 1st, 2014**.

