

Board Meeting

Jan 14, 2016



IDAHO
STEM
ACTION CENTER

Room WW17

1:00 - 4:00 pm

STEM Academy

- Russell Mickelson, CEO
 - Chris Strzok, COO
 - Free Middle School STEM Resources
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Website Walk Through

- www.stem.idaho.gov
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Utah STEM Fest



— FEBRUARY 2-4, 2016 | SOUTH TOWNE EXPO CENTER | SANDY, UTAH —

February 2-4, 8:30-2:00 for 7th through 10th Grade Students | February 2, Open to the Public from 2:00-8:00 p.m.

**THIS IS EVENT IS FREE! YOU JUST PROVIDE THE BUSSING AND THE LUNCHES AND WE'LL
TAKE CARE OF THE REST!**

— WHAT IS STEM FEST? —

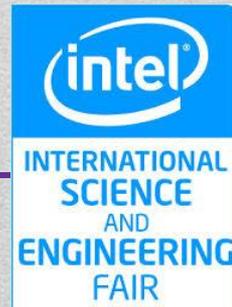
Come and be a part of the most unique gathering ever assembled in Utah as you and your family enjoy **exciting hands-on experiences** with science and technology that will **spark your children's imaginations** and give them a peek into their future career opportunities right here in Utah. Your kids will have so much fun, they may not even realize that they're learning! 7th through 10th grade students are encouraged to come as a field trip Tuesday, Wednesday or Thursday morning.



Intel Science and Engineering Fair

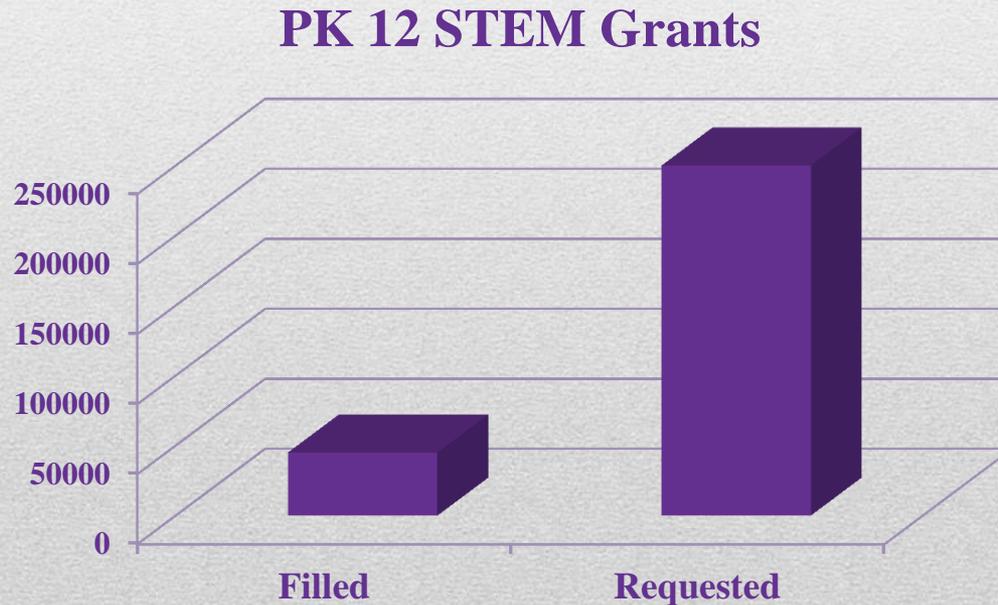


- **Receive verbal commitments from BSU, U of I and ISU to host event Spring 2017**
- **Hire a contractor in May to begin rollout**
- **Provide educator PD this summer**
- **Provide grants to students to compete**
- **Rally industry support**



PK12 STEM Grants

- **This Year:**
 - 18 grants of \$2,500 available = \$45,000
 - 104 applicants, over \$250,000 in need



Family STEM Nights to Encourage Community Engagement

- **Receive a \$20,000 grant from Tesoro to fund 20 family STEM events**
- **The grant will open 1/14/2016.**



Communication Materials – e-copies by Jan 25th

- Mission, organization, directives
 - Board / staff overview – 1 page and pictures
 - STEM goals, mission, specific activities annual
 - Professional Development with emphasis on *where we are* in Idaho and *where we are going* with STEM in Idaho.
 - Private Industry alignment for workforce development
 - STEM Action Center Connection to various statewide groups
 - STEM – organizational needs – budget – annual and projected FY 16/17
 - Discuss Media Requests and Point of Contact
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Legislation related to Idaho STEM Action Center

- **Tax credit**
 - Moves STEM AC to an educational tax credit
 - Will be added to Idaho Code §63-3029A
 - **Board travel to STEM AC Meetings covered**
 - Clarifying that the travel costs of the Board is covered
 - Will be clarified in Idaho Code §67-825
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Computer Science Initiative

- [View Legislation](#)
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Collaborate to Support Professional Development for Idaho Educators

- **Development of K12 CS Standards**
 - **Support CS and Engineering Endorsement and Training**
 - Provide incentives to districts and educators
 - **Support CS in schools and districts with PD and resource incentives**
 - **Support an online resource center to house materials, curriculum and other CS resources**
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Collaborate to Support Professional Development for Idaho's Workforce

- **Work with post-secondary institutions and industry to:**
 - develop courses for training both the new and existing workforce
 - develop robust mentorships and internship programs
 - **Provide incentives for training resulting in certificate or credential**
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Governor's Budget Recommendations - Handout



An Opportunity to Celebrate STEM

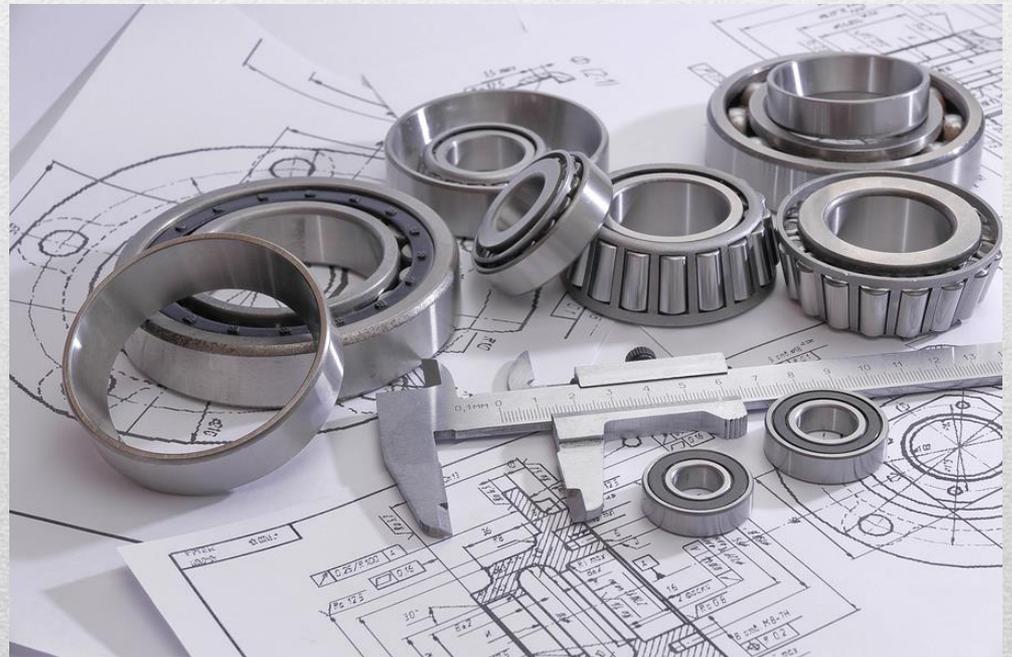
Jan 29th 11am-2pm

- **STEM Bus – in the front of the Capitol**
- **FIRST Robotics – Rotunda**
 - See student-built robots of all sizes, middle school through high school
- **Write Code – 4th Floor,**
 - 5th graders from Garfield Elementary
- **Build a Tumblewing – Rotunda**
- **LearnStorm Math Event**
- **BSU Engineering student projects, Rotunda**
- **Drones flying outside**
- **Land Surveyors – equipment and marker demonstration**
- **Libraries**
- **Barbara Morgan?**
- **Movie – Most Likely to Succeed?**



DRAFT – JFAC Presentation

- Handout



Future Topics

- Mastery Advancement Program
 - Microsoft IT Academy
 - IDLA – Computer Science and Portal Development
 - NCLB vs ESSA
 - Intel Science and Engineering Fair
 - Grants using the Iowa Model
 - Code.org
 - LearnStorm
 - Million Women Mentors
 - Others?
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