

Board Meeting

August 15, 2017



IDAHO
STEM
ACTION CENTER

Room WW55

1:00 - 3:00 pm

Required Documents STEM AC FY17 Performance Report and FY18

- FY17 Performance Report – Due September 1
- Strategic Plan – Final Copy Attached



FY18 Legislation

STEM School Designation

- No new appropriation requested
- Need to form subcommittee via the State Board to draft administrative rules for the session in FY18
- **Nomination to serve on this subcommittee:**
admin@stem.idaho.gov



Legislation

FY19 Budget Request

Possible Budget Request:

- \$2M for STEM – ongoing, no need to request again
- \$2M for CS – try to convert to ongoing again
- \$2M Spending Authority
- New FT Staff Member – Possible a Data and Outcomes Research Analyst and/or a Fiscal Officer



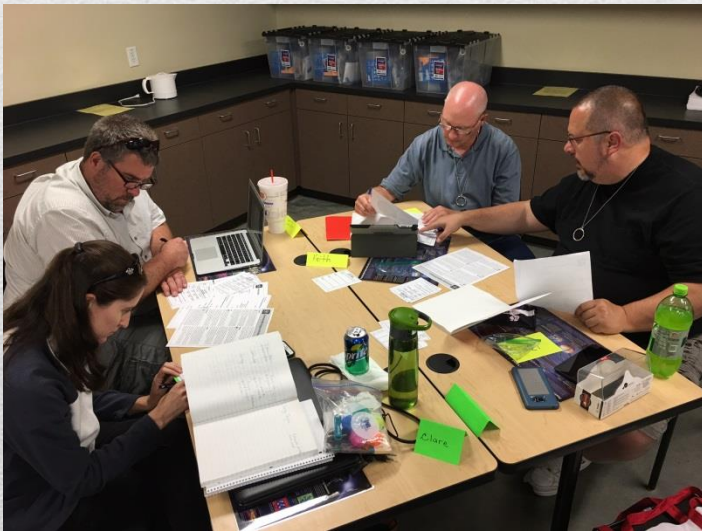
STEM AC Foundation Update

- Maureen O'Toole (Foundation Founder) is working on the following:
 - Board Bylaws
 - Board Job Descriptions
 - Mission/Vision statements for the Foundation



GOAL #1: Coordinate and facilitate implementation of STEM programs throughout Idaho

- Summer PD opportunities –ASSET, Making Sense of SCIENCE, and Educurious
- Begin work with BSU on data analysis
- National Picademy Training



- Next grant cycle begins August 2017
- i-STEM Discussion, next slide

GOAL #1 Related to PD and i-STEM

- Update from Team visits, presentations, and focus groups
- Roles? Team vs contractor
- Timeline?
- Budget transition
- Creating MOAs with Idaho's post-secondary institutions
- Recruiting teachers and charging fees
- Tracking Outcomes



- Board Guidance Requested:
 - Legislative Advice
 - Fees
-

GOAL #2: Align education and workforce needs throughout Idaho



- Working to secure industry sponsorships:
 - Micron Foundation
 - INL
 - Discovery Center of Idaho
 - Kount
 - Vynyl
 - Black Box VR
 - Trailhead
 - Business Educator Exchange Update and Eastern Idaho Expansion
 - Trailhead Update
 - IDoCode Update
 - Co-Op Update
 - Leveraging our Tax Credit Status
 - Update on Project-Based Virtual Mentorship Platform
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Virtual, Project-Based, Statewide Mentorship Platform



Mentorship Platform Continued...

VIRTUAL MENTORING SUITE

The image displays three overlapping screenshots of the Mentor Matching Engine (MME) platform interface, set against a blue background with a glowing effect.

Top Screenshot: Shows the main landing page with the "MENTOR MATCHING ENGINE" logo in the top left. Navigation links "About", "Help Center", and "Contact Us" are in the top right. The central text reads "Go beyond the classroom with MME." with a blue "Continue" button below it. At the bottom, it says "Powered by" followed by the "IDAHO STEM ACTION CENTER" logo.

Bottom Left Screenshot: Titled "Add Mentor to Project". It features a list of potential mentors. The first entry is "Bryan Sandhauer" from "Idaho Digital Learning Academy" with a red "Add" button. The second is "Mentor 101" from "Idaho Digital Learning" with a red "Add" button. The third is "Sarae Mentor" from "Idaho Digital Learning" with a red "Add" button. Large yellow text "CHOOSE A MENTOR" is overlaid on the right side of this screenshot.

Bottom Right Screenshot: Shows a "Projects" page with a list of projects. The first project is "College Stroke Pain Research" with a yellow star icon and a "Last updated 4 days ago" note. The second is "Rocket Science Project" with a green star icon and a "Last updated today" note. Large yellow text "APPROVE PROJECTS" and "SEE PARTICIPANTS" is overlaid on the right side of this screenshot.

Mentorship Platform Continued...

VIRTUAL MENTORING SUITE

The image displays the Mentor Matching Engine Virtual Mentoring Suite interface. The main page is titled "Rocket Science Project" and features tabs for "Details", "Discussion", "Video Conference", "Participants", and "Documents". The "Video Conference" tab is currently selected, showing instructions on how to use the video conferencing feature, which can only be used on Chrome and Firefox. A red button labeled "Schedule Video Conference" is visible. An inset window shows a discussion board with a message: "I'm very happy you invited me to be your mentor for this great project involving my favorite subject: Rockets! Let's Blast Off!". Another inset window shows a video conference interface with a participant's video feed.

MENTOR MATCHING ENGINE

Projects Conferences Invitations People

Rocket Science Project

Details Discussion **Video Conference** Participants Documents

Video conferencing can only be used on Chrome and Firefox. Or, download the Appear.in mobile app, and access the link. Video conference can accommodate a maximum of 8 users.

Schedule Video Conference

VIDEO CONFERENCE

DISCUSSION BOARD

Normal B I U

I'm very happy you invited me to be your mentor for this great project involving my favorite subject: Rockets!
Let's Blast Off!

Appear.in

Recents

ida-rocket-scienc...
1 person

Star rooms to keep them here for later

1 person

GOAL #3: Increase awareness of STEM throughout Idaho

Upcoming Event!

- STEM Day at the Fair August 18!!



Media Coverage

- FIRST, ISEF, PD Initiative, EIN awards, Science Standards updates, Drones pilot project, Idaho Ed News

Impact Map – Updated with FY17 opportunities

Statewide STEM Planning Meetings

One-on-One Meetings to Strategize Next Steps

Regional STEM Planning Forums (?)

- **Fall 2017**
- Focus on alignment of statewide STEM education goals with industry needs based on data and conversations

Possible STEM Summit

- **Fall 2017 or Spring 2018**
 - Focus on alignment of STEM education goals with actual industry needs via industry input. End goal: create a statewide STEM education plan/network to meet the industry needs and secure industry support and buy-in
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Public Comment



Upcoming Events

Opening Day of the Fair!! August 18, 2017

One-On-One Calls: September

Statewide STEM Education Planning Forums:

Fall 2017,

Dates and Locations TBD

Next STEM Board Meeting – Budget Request and Legislation

December 5, 2017

January 9, 2018

1:00 - 4:00pm
