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STEM Investment Council

September 11, 2015

1:00pm – 3:00pm

2 World Trade Center

Skybridge A & B

121 SW Salmon St., Portland

Call-In Information:

Dial (888) 204 5984

Code 992939

AGENDA

- 1. Welcome & Director Updates**
- 2. STEM Innovation Grant Recommendations**
- 3. Policy & Advocacy Planning**
- 4. Public Comment**

Members of the public wanting to give public testimony must sign in.

There will only be one speaker from each group.

Each individual speaker or group spokesman will have three (3) minutes.

All meetings of the STEM Investment Council are open to the public and will conform to Oregon public meetings laws. The upcoming meeting schedule and materials from past meetings are posted online. A request for an interpreter for the hearing impaired or for accommodations for people with disabilities should be made to Seth Allen at 503-378-8213 or by email at Seth.Allen@state.or.us. Requests for accommodation should be made at least 48 hours in advance.

DRAFT Proposed 2015-17 STEM Investment Implementation Plan

Underlying Principles:

- Not just about grants administration, compliance, and reporting.
- Should build statewide and regional capacity of key professional networks.
- Grants & funding should be tied specifically to outcomes we are trying to affect.
- Treat as managing an investment portfolio, wherein we are trying to maximize the return on investment, which will require:
 - Due diligence up front to assess implementation capacity, leadership, broader supports, sustainability, and use of evidence-based strategies.
 - More frequent monitoring of ongoing progress.
 - Provide ongoing technical assistance to increase capacity and quality.
 - Links to other investments to obtain synergies and create a more robust network.
- Different types of investments require different supports.
- Knowledge capture and dissemination is one of the returns on investment in addition to changing outcomes.
- Ensure closer coordination with complementary efforts such as CTE, NGSS, CCSS-M, 21st Century Grants, Math-Science Partnerships, and school improvement.

	Investment	Approx funding	Release Date	Award Date	Implementation notes
STEM Hubs (\$5m)	Backbone - Current	\$1.2m	Early Aug	Mid Sept	Current Hubs are already in the system. We would like to get \$ to them ASAP to ensure continuity of staffing the partnerships, though with accountability to specific backbone criteria. Draft criteria developed by OEIB and released to regions for feedback. Site visits are desired as part of assessing readiness.
	Backbone - Emerging	\$0.6m	Early Sept	Late Oct	Draft criteria developed by OEIB and released to regions for feedback. Site visit desired as part of assessing readiness. Provide low bar to release initial funds... more funds released once Partnership Plan is developed – by Spring 2016 to compete for program funds.
	Programming Investments	\$2.7m	1. Mid Aug 2. Feb '16	1. Mid Oct 2. April '16	Two rounds – Aug & Jan to accommodate new Hubs. Current Hubs could apply in both rounds. Use prior RFP as a model. Need to understand the legal difference between RFQ and RFP.
	STEM Network Development Grant	\$0.3m	Mid Aug	Early Sept	Interagency agreement with Oregon Solutions Network (PSU) to provide ongoing support for Hubs and create more integration with the RACs. They currently support RACs and Early Learning Hubs.

	Scale-up Initiatives	\$0.2m	Mid Aug	Late Sept	<p>Awards to scale programs that serve multiple regions. Currently, two are being considered:</p> <ul style="list-style-type: none"> • Oregon Connections statewide licensing, plus some staffing to continue (South Metro Hub) • “Non-cognitive” assessment tools from Portland Hub
Innovation grants (\$4.75m)	Math in Real Life PD	\$1.5m	TBD	TBD	Led by ODE Ed Specialist, Mark Freed, as part of the Oregon Math Project. Focus on shifting instructional practice through applied math. Should include STEM Hubs as part of the communication and implementation. Potential to connect with CTE teachers in partnership with Math teachers. Potential connection with MSPs.
	Math Adaptive Learning pilots	\$1m	TBD	TBD	Led by ODE Ed Specialist, Mark Freed, as part of the Oregon Math Project. Use inclusive process to identify qualifying platforms prior to RFP (?). Prioritize schools with high diversity and high poverty. Includes some technology, software licensing, and PD.
	Digital Literacy & Computer Science (Design Thinking through Technology)	\$0.75m	Late Aug	Mid Sept	Statewide development of PD and curriculum development. Implemented is association with the STEM Hubs. Also work with Regional CTE Coordinators.
	Out of School Programming	\$1.5m	Late Aug	Late Sept	Develop statewide network of out of school programming, serving underrepresented and underserved students in 4-8 grade to increase STEM identity, motivation, and career awareness.
Post-Sec	Post-secondary Success	\$2m	August	July '15	Funding to be coordinated through the HECC in consultation with Equity and Diversity workgroup led by Cheryl Meyers. ~3-month design phase needed before issuing RFPs to institutions. Possibly select a lead institution to coordinate cross-institutional support.
Robotics	FIRST Robotics	\$0.5m	TBD	TBD	Managed by CTE unit at ODE. Ensure that STEM Hubs are informed of activities.