STEM Action Center Board Meeting Minutes
August 6, 2014 • 3:00pm
Governor's Office of Economic Development: 60 E. South Temple, Third floor, Salt Lake City

Members Present:	Blair Carruth, Val Hale, Stan Lockhart, Martell Menlove, Jefferson Moss, Jeffery Nelson, Tami Pyfer, Bert VanderHeiden
Members Absent:	Robert Brems, Gene Levinzon , Brad Rencher
Staff:	Tami Goetz, Sue Redington, Gina Sanzenbacher, Mitchell Jorgensen, Jenna Johnson, Susan Eisenman
Visitors:	Sarah Brasiel, Tyler B., Sarah Young, Mindy Vail

I.   Welcome and Related Business

Jeff Nelson, STEM Action Center Board Chairman, called the meeting to order, introduced and welcomed the group. Jeff Nelson then asked the board members to approve the minutes from the meeting.

   i. Approve Minutes
      MOTION: STAN LOCKHART MOVED TO APPROVE THE MINUTES, SECONDED BY MARTELL MENLOVE. THE MOTION WAS UNANAMOUSLY APPROVED.

   ii. Introduction of new board members, Val Hale, Executive Director of GOED, Norm LeClair, and Richard Nelson, CEO of Utah Technology Council. These new board members then took the oath of office. Mindy Vail, notary, was in attendance.

   iii. Introduction of Gina Sanzenbacher as new Community Engagement Specialist. Announced Jenna Johnson, previous STEM Fellow, as new Administrative Assistant.

II.   Presentation
Dr. Sarah Brasiel, USU
Sara begins by giving an update on the usage data and results from students using math software in the spring of 2014 as well as the results of the professional development given to teachers. Sarah showed slides of the number of students who participated, especially those who used the software for the full school year. She also showed data charts showing growth and progress in math skills, comparing expected growth and actual progress. Some of the products showed more growth than others, and some classrooms did not have access to the software (for various reasons) for the full year, and the data reflects the limited exposure. Some questions were asked about baseline testing and using standardized testing for all measures. Sarah responded by stating that using the State of Utah testing would provide a sufficient baseline as well as standardization.
Sarah also discussed the teacher survey, and the important information that was contributed through teacher participation, although the number of teachers taking the survey was low.

Many other questions and comments were raised regarding student feedback, access to computers/hardware, testing schedules and other complications to data collection. *Please see attached documents for more information on Sarah's presentation.*

III.   Board Discussion

i.   STEM Center Updates
Tami Goetz, STEM AC Executive Director
HB 150 projects: Staff members reported on the status of projects pertaining to HB 150-math software for grades 6-12, and then K-6. Middle schools and high schools across the State should be connected with their vendor(s) and receiving professional development. Elementary schools are currently able to apply for software and will receive professional development in the fall.

The CTE software project was discussed by Sue, specifically the decision to re-release of the RFP. Schools hould be able to apply for CTE software in September.

High School STEM Certification was discussed by Tami Goetz and the importance of certifying high schools in order to increase career pathways and connect industry with high school needs.. The STEM AC is look for high schools to apply thinking that this certification is not a terminate certificate, that it is ongoing and the benefits will continue on.

Mitchell discussed the STEM School Designation project, a joint designation with USOE Board. Ten criteria have been set for a school to become a STEM Designated School. A question was asked about the advantage for a school to have this designation, with recognition being the foremost advantage.

Finally, the Professional Development RFP was discussed by Mitchell. He discussed the vendor selection process and what each vendor has to offer educators. Questions were asked about the details of the RFP and the district/school application process. A concern was raised about districts being able to tailor the implementation of the professional development. Tami clarified that district support will be offered, but that districts are not able to tailor implementation.

IV.   STEM 2.0 Media Campaign
Stan Lockhart, Board Member
Stan was able to present to the Board on the STEM Media Campaign that involves commercials, events with schools, and other pathways to reach the public. Stan emphasized the importance of increasing awareness of the importance of STEM and changing public opinion paradigms, and how the STEM media campaign can achieve this. He also brought up the website and the increasing activity happening at stem.utah.gov.

V.   Presentation
STEM Endorsement Updates, Sarah Young, USOE
Sarah reported on her recent project of a science endorsement for elementary school educators, first sharing her timeline and where the project currently stands. Difficulties on endorsements are that teachers switch grades often, as do science standards in curriculum. Sarah mentioned that building a model that will overcome these difficulties has been a challenge. Please see the attached documents for more information on Sarah's presentation.

VI.   Closed Session

MOTION: PURSUANT TO THE OPEN AND PUBLIC MEETINGS ACT, I HEREBY MOVE TO CLOSE THE MEETING FOR THE PURPOSE OF DISCUSSING THE CHARACTER, PROFESSIONAL COMPETENCE OR PHYSICAL OR MENTAL HEALTH OF AN INDIVIDUAL. THIS VOTE REQUIRES 2/3 VOTE OF THE BOARD. THE CLOSED MEETING SHALL BE HELD IN THE GOED OFFICES LOCATED AT 60 E SOUTH TEMPLE, THIRD FLOOR, SALT LAKE CITY, UTAH.

RECORD THE NAME AND VOTE OF EACH MEMBER OF THE PUBLIC BODY BELOW:

Name of Member of Public Body	VOTE TO CLOSE MEETING
Blair Carruth	Yes
Val Hale	Yes
Martell Menlove	Yes
Tami Pyfer	Yes
Bert VanderHeiden	Yes
Rich Nelson	Yes
Norm LeClair	Yes
Jeff Nelson	Yes
Jeff Moss	Yes

VII.   Adjournment

MOTION: MARTELL MENLOVE MOVES TO CLOSE THE EXECUTIVE CLOSED SESSION. SECONDED BY BERT VANDERHEIDEN AND WAS UNANIMOUSLY APPROVED.