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MINUTES

Name of Organization: **Integrating Arts & Culture into STEM (IACS)**
Subcommittee of the Science, Technology,
Engineering and Mathematics (STEM) Advisory Council

Date and Time of Meeting: February 8, 2017, 3:00 PM

Place of Meeting: Governor's Office of Science Innovation and
Technology (OSIT)
100 North Stewart Street, Suite 220
Carson City, NV 89701

Please use the following numbers to join the conference call:

North: 775-687-0999 or
South: 702-486-5260

Access Code: 70987 push #

- I. Call to Order/Roll Call
Aimee Allen - Chair

Chair Allen called the meeting to order at 3:01 P.M.

Members Present: Aimee Allen, Marisa Cooper, Mary Jane Dorofachuk, Sarah Gobbs-Hill, Jeneane Harter, Craig Rosen, Candy Schneider, Tifferney White

Staff Present: Brian Mitchell; Debra Petrelli

- II. **Public Comment** (No action may be taken upon a matter raised under public comment period unless the matter itself has been specifically included on an agenda as an action item.)

There was no public comment.

- III. **Welcoming Remarks**
Aimee Allen – Chair

Chair Allen opened the meeting by expressing enthusiasm for the new status of the STEM Coalition "STEAM Working Group," into the task force Integrating Arts & Culture into STEM (IACS) Subcommittee - a permanent subcommittee under the STEM Advisory Council.

- IV. **Change in Structure: From STEAM Working Group of the STEM Coalition, to Permanent Subcommittee under the STEM Advisory Council (SAC) as the Task Force on Integrating Arts & Culture into STEM Education Subcommittee (IACS).** (For information only)

Aimee Allen – Chair
Brian Mitchell

Mr. Mitchell provided context about the role of IACS, stating that while the "formal body" of the Nevada STEM Coalition consists of "appointed members voted on by the legislature," the IACS task force are/will be understood as the "experts in the field of STEAM." He further explained that the Governor's STEM Advisory Council's strategic plan regarding STEM is nearing completion and is a "year in the making." It provides the goals and strategies it will use as a framework. Therefore, IACS has no specific directive and is welcomed and invited to make formal recommendations to the STEM Advisory Council. Once IACS determines what recommendations it wishes to make, it need simply request to be included on a meeting agenda of the STEM Advisory Council.

- V. **Establishing Strategic Priorities:** (For information only)
- New Art Standards Update, Implementation and Impact
 - White Paper: Still Relevant? Working Definition & Key Principals
 - SAC Strategic Plan: How we support Priority 2, Goal 1, Strategy and Priority 2, Goal 4, Strategy 1
 - Joint Task Force Partnerships
 - Public-Private Partnerships
 - Professional Development for Educators & STEAM Teams
- Aimee Allen – Chair
MaryJane Dorofachuk
Tia Flores
Marisa Cooper
Craig Rosen
Candy Schneider

- A. Updating the Nevada State Arts Standards: Ms. Dorofachuk is actively partnering with the Department of Education (DOE) on the revision of the standards. Ms. Dorofachuk and Ms. Flores were present for the 3-day revision meeting in Carson City and Ms. Cooper participated in the Friday evening discussion. Ms. Dorofachuk and Ms. Flores will be attending a Las Vegas meetings to report on the group progress from the visual and music panels. They reported that general consensus was achieved, was extremely positive, and there was cooperation among various stakeholders. Ms. Dorofachuk reported the meeting considered, 1) Whether the current art standards are sufficient; and 2) What direction arts education needs to go next. It was further reported the answer to the first questions was, "No - the current state art standards are not sufficient." Visual art and music education were well represented at the meeting as working groups. Participation/representation from dance, media arts, and theatre is still required. The next meeting will take place in Las Vegas in March, 2017. The timeline for having the new Nevada State Arts Standards is June, 2017.

Those unable to attend the March meeting in Las Vegas are encouraged to serve instead as "critical friends" to provide feedback on the document after it goes public. Lisa Ford, Education Program Professional at Nevada DOE, is creating a list of those interested in serving in this capacity. Ms. Cooper recommended that Chair Allen serve this role, if she is unable to attend.

Chair Allen inquired about the adoption of the new state standards and their relationship/effect on The Every Student Succeeds Act (ESSA), the new federal education mandate. Ms. Flores referenced the need for language in the "state plan" for what constitutes a "well rounded education," and suggested contacting Julie Neal, Fine Arts Coordinator with Washoe County, who is serving on a committee informing the state plan. Ms. Dorofachuk reported the current document of the NV state plan is currently open for public comment.

- A. STEAM White Paper, Still a Priority? Chair Allen presented the question over whether the direction and work accomplished in determining the basic structure of a white paper, distributed on behalf of IACS, is still a relevant goal of the working group. It was largely agreed upon (but not voted on) that until new arts standards are formalized, a "white paper" (i.e. a position paper on arts integration providing recommendations for the legislature and other stakeholders on what constitutes STEAM education) is not currently an immediate priority. However, several people, including Marisa Cooper and Sarah Gobbs-Hill, reinforced the need for resources for teachers, using "friendly language," including professional development opportunities.

C. STEM Advisory Council Strategic Plan: IASC Stakeholders

1. Joint Task Force Partnerships: Chair Allen began the conversation by pointing out the need for greater representation of arts education (a teacher) to become a member of IASC. Others agreed. She and several others including Craig Rosen and Candy Schneider, who attended a STEM Coalition meeting last October, which brought together the various working groups supporting the idea of a STEM summit in 2016, further reported on being impressed by the progress of the Computer Science working group - who have made major gains in short order. Chair Allen suggested that IASC work with their leadership, and further suggested that Candy Schneider make first contact, being familiar with the people involved and their strategy. Marisa Cooper suggested that IASC "circle back around" to the STEM Coalition and people like David Crowther, President-Elect of the National Science Teachers Association (NSTA) and Executive Director at Raggio Research Center for STEM Education and Professor of Science Education at University of Nevada, Reno, to make sure he/they are aware of our current and future progress.

2. Public-Private Partnerships/ And Invitations to IASC: Following the conversation regarding potential partnerships with other task forces, a lengthy discussion was had on who else should be invited to participate in IASC. The following is a list of those individuals and communities suggested - if not to directly participate in IASC, then to be represented by a liaison within IASC:
 - K12 Art Education: Arts Education of Nevada, as Marisa Cooper pointed out the Nevada Museum of Art already has a platform for outreach, given they host their professional development event biannually. Julie Neil and Sue DeHart, and/or someone from the State Music Education Association were also suggested.
 - Science Educators: Craig Rosen pointed out this person could be from a self-identified STEAM school, like McCaw Elementary, which is now a STEAM magnet school in Clark County School District (CCSD).
 - Higher Education: Tia Flores suggested Candace Garlock, Visual Arts Instructor at Truck Meadows Community College (TMCC). Marissa Cooper further suggested that any working group effecting change in the state might do well to encourage as many connections with the higher education community as possible.
 - Industry: Marisa Cooper and Candy Schneider reported on SWITCH's involvement and with their respective organizations, and that the company is prepared to make even greater commitments to STEAM education throughout the state.
 - Government/Legislature: Senators Moises Denis and Joyce Woodhouse were both identified, and were reported as having

supported programs by several on the task force, including the Smith's Center for the Performing Arts in Las Vegas.

- Douglas Erwin, with the Economic Development Authority of Western Nevada (EDAWN), as Tia Flores reported, is vocal and supportive of education that encourages creativity and "soft skills" required for a 21st century workforce.

VI. Consider Agenda Items for the Next Meeting (For information only)
Aimee Allen – Chair

It was agreed that the primary focus of the next IASC meeting will be to deconstruct which of those recommended (above) should be invited to participate in IASC, in contrast to assigning liaisons from IASC in order to communicate directly to whole communities.

VII. Next Meeting Date will be determined at this meeting (For information only)
Aimee Allen - Chair

IASC will meet next in March, 2017. A calendar poll will be sent out to those in attendance by Chair Allen.

VIII. Public Comment (No action may be taken upon a matter raised under public comment period unless the matter itself has been specifically included on an agenda as an action item.)

There was no public comment.

IX. Adjournment

Chair Allen adjourned the meeting at 4:00 P.M.