

STEM Committee Meeting Minutes

Ohio Department of Education

Microsoft Teams Live

September 29th, 2020 2-3 pm

A meeting of the STEM Committee established in Ohio Revised Code 3326.02 was held on September 29th, at 2:00 p.m. via Microsoft Teams Live hosted by the Ohio Department of Education

Committee members in attendance (quorum):

- Mr. Paolo DeMaria, Superintendent of Public Instruction, Ohio Department of Education
- Dr. Tom Schwieterman, VP, Clinical Affairs and Chief Medical Office, Midmark Corporation, Appointed by the Ohio Senate
- Dr. Krista Maxson, Associate Vice Chancellor, P-16 Initiatives Ohio Department of Higher Education, Chancellor of the Department of Higher Education (Designee)
- Ellen Marrison, Content Strategist, SSTI, Appointed by the Governor of Ohio
- Mr. Stephen White, Esq, VP External Affairs, Strategic Initiatives, and Business Development, COSI, Appointed by the Governor of Ohio
- Jonathan Gormley Assistant Chief of Policy and Communication- Ohio Development Services Agency, Director of Development (Designee)

Not present:

- Mr. Stephen Lyons, EVP, The Columbus Partnerships, Appointed by the Ohio House of Representatives

Also present were:

- Heather Sherman, Ohio STEM Learning Network
- Melissa Weber-Mayrer, Director of the Office of Approaches to Teaching and Professional Learning, Ohio Department of Education
- Shaun Yoder, Chief Strategy Officer, Ohio Department of Education

I. Call to order

Dr. Tom Schwieterman called the meeting to order at 2:04 p.m.
Minutes were recorded by Leslie Yenkin.

II. Welcome and Introductions

Dr. Tom Schwieterman started committee-wide introductions.

III. Approval of Agenda

Dr. Tom Schwieterman discussed the agenda with the committee and guest attendees present. Dr. Tom Schwieterman, STEM Committee Chair motioned to **Approve** the agenda. Motion was **Approved Unanimously** by the committee.

IV. Approval of May 22nd, 2020 minutes

Minutes from the May 22nd, 2020 meeting were sent to the committee for review prior to the meeting. Dr. Tom Schwieterman moved to **Approve** the minutes from the May 22nd, 2020, meeting of the STEM Committee, seconded by Superintendent DeMaria.
The **motion carried**.

VII. Updates on STEM in Ohio

- a. COSI Connects and Learning Lunchboxes (Stephen White) –

Stephen White shared information about the COSI Connects and Learning Lunchboxes initiatives. COSI Connects includes a mobile app that enables access to activities/materials when offline to support students with limited internet access. COSI's Learning Lunchboxes provide kits

with materials needed for COSI Connects activities. Learning Lunchboxes are distributed along with free meals at pick-up locations.

Heather Sherman stated her appreciation of COSI's efforts and the opportunities they have provided for partnership. Dr. Tom Schwieterman also noted the Committee's appreciation for COSI's continuous work and efforts in STEM education.

b. Ohio STEM Excellence Awards (Heather Sherman)

Heather Sherman shared the winners of the 2020 Ohio STEM Excellence Awards. The winners are:

- Rebecca Hartline for her work with makerspaces
- Dana Letts for her work involving community partnerships with Chillicothe City Schools
- Chris Anderson for his video series *Science Around Cincy*
- Carla Chapman for her work in developing the Connectors program

c. OSLN STEM Design Challenge (Heather Sherman)

The challenge is a partnership between the Ohio Department of Education, AEP, the Ohio Energy Project and Ohio Afterschool Network and the Young Entrepreneur Institute. The Ohio Energy Project funding will help in advance planning and reaching people who have not participated in the past and providing support to help them participate.

The challenge question asks students to reimagine energy production/consumption to improve their communities. There is a cohort of 50 rural educators. Toolkits are available that involve educators in learning about energy consumption and provide materials to facilitate lessons. This year, an entrepreneurial component has been added to help students understand their work on the challenge from an entrepreneurial perspective in addition to an engineering design process perspective.

d. STEM Virtual Leaders Network (Heather Sherman and Kimberly Bell)

In spring of 2020, the Department and the Ohio STEM Learning Network launched STEM Virtual Leaders Meetings. These meetings are designed to connect STEM and STEAM leaders from across Ohio together to share ideas and have a community of practice with like-minded leaders.

In fall of 2020, the STEM principals and the OSLN hub leaders will start meeting once a month to deepen the connection between STEM leaders and STEM support systems in Ohio.

Dr. Nancy Stevens, from Ohio University, will now be leading the OSLN Southeast Ohio Hub. The connection with Ohio University will enable reaching out to different counties in this area. The Central Ohio Hub is leveraging connections with the Past Foundation to drive its impact in this region. Jenn Reid and Stephanie Adams Taylor from the Dayton Regional STEM School are joining the leadership of the Dayton Hub. OSLN is forming a "networks of networks" to impact as many students as possible.

e. STEM Designation (Kimberly Bell)

The timeline for the STEM designation process will remain much the same this year as last year. Out of respect for teachers, will not be making changes. This will be the second year of using the portfolio style application.

f. High Quality STEM Education (Kimberly Bell and Heather Sherman)

Heather Sherman and Kimberly Bell shared information about the upcoming 4-part webinar series focusing on STEM learning. There has been a strong response to the series and registrants include those working outside of STEM areas. Heather Sherman thanked Kimberly Bell for her hard work reaching out to STEM teachers and leaders to invite them to participate in the series. Every region of Ohio is attending.

VIII. Discussion of Proposed Revisions to ORC 3326

Kimberly Bell and Heather Sherman wanted to make people aware of the opportunity for revision to ORC 3326.

X. Closing Remarks

Superintendent DeMaria thanked Heather Sherman and Kimberly Bell for their great work in organizing this meeting and their STEM work.

V. Adjourn

Dr. Tom Schwieterman, Committee Chair, motioned to adjourn seconded by Superintendent DeMaria

The meeting adjourned at 2:39 p.m.