

## STEM Subcommittee Meeting Minutes

April 10, 2014

*A meeting of the subcommittee of the STEM committee established in Ohio Revised Code Section 3326.02 was held on April 10, 2014, 1-4 p.m., at the offices of the Ohio Department of Education.*

### Subcommittee Members Present:

- Ryan Burgess, Assistant Director, Ohio Development Services Agency
- Dr. Steve Gratz, Senior Executive Director, Ohio Department of Education
- Stephen J.H. Lyons, EVP, The Columbus Partnership, Designee for Ohio House of Representatives
- Dr. Tom Schwieterman, Medical Director, Midmark Corporation, Designee for Ohio Senate
- Dr. Russ Utgard, Consultant - Improving Teacher Quality, Ohio Board of Regents

### Also Present Were:

- Jason Braddock, Valley STEM + ME2 Academy
- David Burns, Ohio STEM Learning Network
- Susan Caudill, Ridgeview Junior High School
- Sam Eckhart, Thurgood Marshall STEM High School
- Dr. Walter Gates, Jefferson Township STEM Academy
- Sharon Goins, Thurgood Marshall STEM High School
- Jonnie Kimberlin, Jefferson Township STEM Academy
- Jeffrey Layton, Northwestern Local Schools
- Chavin Lewis, Jefferson Township STEM Academy
- Eileen McGarvey, Ridgeview Junior High School
- Kathy McKinnis, Marysville Early College High School
- Kurtz Miller, Thurgood Marshall STEM High School
- Dustin Pyles, Ohio STEM Learning Network
- Walter Sledge, Jefferson Township STEM Academy
- Jennifer Williams, Ohio Department of Education

### Call to Order:

Steve Gratz called the meeting to order at 1 p.m. and Jennifer Williams recorded the minutes.

### Introductions, approval of minutes and OSLN:

Everyone present introduced themselves. The minutes from April 2, 2013, were approved by general consent. Ohio STEM Learning Network (OSLN) gave an overview of its work and interaction with applicants.

### Jefferson Township STEM Academy Proposal for STEM School Designation

- Discussion included the school's existing STEM education and the dual credit program with Sinclair Community College (high school). The partnerships and fiscal sustainability were unclear. The school was encouraged to re-apply next year with improved structure of the proposal and stronger evidence of the partnerships, including letters of support.

*Jefferson Township STEM Academy was not awarded STEM school designation by a unanimous decision of the subcommittee.*

### **Marysville Early College High School Proposal for STEM School Designation**

- Russ Utgard moved to approve STEM designation for Marysville Early College High School. Steve Lyons seconded the motion.
- Discussion included the collaboration and partnership with business partners. The school is a Straight A Fund recipient and will be using funds to renovate the building. Over the next couple months, they will establish a MOU with Columbus State.

*Marysville Early College High School was unanimously approved for STEM school designation.*

### **Metro Early College Middle School Proposal for STEM School Designation**

- Russ Utgard moved to approve STEM designation for Metro Early College Middle School. Steve Lyons seconded the motion.
- Metro Early College High School already has a STEM school designation. This proposal was for the middle school that would like to have its own STEM designation so it can better track accountability.

*Metro Early College Middle School was approved for STEM school designation with Ryan Burgess abstaining from the vote.*

### **National Inventors Hall of Fame Letter of Intent for STEM School Designation**

- Tom Schwieterman moved to approve STEM designation for National Inventors Hall of Fame. Ryan Burgess seconded the motion.
- This letter of intent was submitted to expand STEM designation to higher grades. Since the Ohio Revised Code is silent on the protocol, a letter of intent was requested from the school. The current STEM school designation serves lower grades since 2007. It is a high-performing school and is an exemplar for that region.

*National Inventors Hall of Fame was unanimously approved for STEM school designation.*

### **Northwestern Middle School and Northwestern High School Proposals for STEM School Designation**

- Tom Schwieterman moved to approve STEM designation for Northwestern Middle School and Northwestern High School under Chapter 3326 of the Ohio Revised Code with provisions. Russ Utgard seconded the motion.
- Discussion included the Literacy Design Collaborative and Math Design Collaborative implemented at the school which prepared students for Common Core testing. The subcommittee expressed an interest in obtaining a revised proposal to reflect their financial commitments and commitment to assurances. The proposal showed extensive public and private support.

*Northwestern Middle School and Northwestern High School were approved for STEM school designation with the following provisions.*

- The school must submit a revised proposal to the subcommittee with the following provisions within 30 days (May 10, 2014):
  - Submit a revised application with appropriate headers aligned to the scoring rubric. OSLN will provide assistance if requested.
  - The school shall provide in writing assurances that the STEM school or group of STEM schools will be under the oversight of a governing body and a description of the members of that governing body and how they will be selected.
  - The revised proposal shall show evidence that the school will operate in collaboration with a partnership that includes institutions of higher education and businesses.

### **Valley STEM + ME2 Academy Proposal for STEM School Designation**

- Tom Schwieterman moved to approve and designate Valley STEM + ME2 Academy as a new STEM school. Russ Utgard seconded the motion.

- This is a new school. Discussion included emphasis on Literacy Design Collaborative, Math Design Collaborative, Project Lead the Way and industrial partnerships. Subcommittee members noted the proposal's section describing the history of the region and connecting the forecast to job skill needs.

*Valley STEM + ME2 Academy was unanimously approved and designated as a new STEM school.*

#### **Thurgood Marshall STEM High School Proposal for STEM School Designation**

- Russ Utgard moved to approve STEM designation for Thurgood Marshall STEM High School. Ryan Burgess seconded the motion.
- Discussion included career pathways, articulated credit and dual credit. They have alignment and partnership with businesses and mentioned Wright Patterson Air Force Base as a strong partner. The school has a Straight A proposal for Project Lead the Way engineering and biomedical pathways.

*Thurgood Marshall STEM High School was unanimously approved for STEM school designation.*

#### **Pickerington Ridgeview Junior High School Proposal for STEM School Designation**

- Tom Schwieterman moved to approve STEM designation for Pickerington Ridgeview Junior High School. Russ Utgard seconded the motion.
- Discussion included partnerships with businesses and higher education. They are involved in Project Lead the way for an environmental pathway. All students participated in a design challenge with community partners checking on their progress.

*Pickerington Ridgeview Junior High School was unanimously approved for STEM school designation.*

#### **Adjournment**

There being no further business to come before the subcommittee, the meeting was adjourned.