

Chenango-Delaware-Otsego (CDO) STEM Leadership Council Meeting

Date of Meeting: 1-15-2014 **Location:** Morris Hall SUNY Oneonta
Minutes Prepared By: Christian Harris **Time:** 8:41am – 10:27am

Attendance

Member:	Representing:
Andrew Abler	Otego Resident
Katy Barber-Graves	Stamford CSD
Audrey Benkenstein	CDO Workforce
Christian Harris	NYS Department of Labor, Research & Statistics
Brian Hunt	Edmeston Central School District
Peter Livshin	Milford Central Schools
Bill Pietraface	SUNY Oneonta, Retired
Elizabeth Rickard	CORE – Milford CSD
Glenda Roberts	SUNY Delhi
Karen Rowe	Oneonta City Schools
Gary Schoonover	ACCO Brands
Joseph Yelich	Oneonta CSD
Sen Zhang	SUNY Oneonta, Mathematics, Computer Science & Statistics Dept.
Guest:	Representing:
McKenzie Dillman	Stamford CSD
Ruth Harlem-Ehrets	Stamford CSD
Richard Lee	SUNY Oneonta
Jeanine Scinta-Sass	Stamford CSD
Ryan Swan	SUNY Oneonta/CSTA-CNY

Chenango-Delaware-Otsego (CDO) STEM Leadership Council Meeting

January 15, 2014
8:30am to 10:30am

SUNY College at Oneonta – Morris Hall

AGENDA

- I. Introductions & General Updates

- II. Review November 2013 Meeting Minutes

- III. Presentation: Stamford Central School – STEM Activities

- IV. Go STEM Institute
 - Funding
 - Marketing

- V. Marketing
 - Website
 - Posters and Brochures

- VI. Business Connection
 - Survey for teachers to identify business connections
 - Palm Card/Bookmark mailing to businesses

- VII. Public Relations
 - Media availability to attend STEM Council Meeting

Next Meeting

Date: February 19, 2014
Time: 8:30 am – 10:30 am
Location: SUNY Oneonta
Morris Hall
Oneonta NY

Minutes

I. Introductions/General Updates

- Kathy Lake (Raymond Corp) will, unfortunately for us, no longer be able to actively participate in the CDO STEM Council due to increased work responsibilities.

II. Review November 2013 Meeting Minutes

- No issues

III. Presentation: Stamford Central School – STEM Activities

- Noticing the tremendous potential of STEAM Related Careers Pathways, the district vigorously pursued grant/funding opportunities related to the disciplines.
- The district experienced terrific collaboration between not only the key discipline teachers but all faculty to expose the students to STEAM concepts.
- Code Academy is currently being offered to interested students within the district in an attempt to engage students, as early as possible, in an exponentially growing career field in computer coding.
 - Offering touches on all STEM disciplines
 - Programs available for ages 11+
 - Can be offered through clubs and not just a formal educational setting
 - It's a free offering
- The district will be offering the Project Lead the Way (PLTW) program to the district's future students.
 - Project Lead the Way (PLTW)
 - Starts in 8th grade – building robots
 - STEM focused
 - Touches on many soft skills (problem solving, teamwork, communication, etc.)
 - Terrifically engages students due to the interactive nature
- Technology teacher makes great efforts in finding inexpensive hands on projects the students to learn from (Solar cookers).
- Future projects include "Punkin' Chunkin" – gourd catapult construction.

- Joe Y asked if the engagement in these STEM opportunities is widespread.
 - All 7th and 8th are, at very least, exposed to the opportunities due to technology course requirement.
- Joy Y also suggested ways to incorporate the English Language Arts (ELA) side of education into the STEM activities.
- All the information/resources from the -- Stamford Central School – STEM Activities -- presentation will be provided online.
- Distance learning is an ever growing effort/opportunity being used by rural districts.

IV. Go Stem Institute

- First application and entry fee has been accepted for the 2014 CDO STEM Institute.
- The Council needs to begin engaging teachers to assist in the 2014 Institute.
- Barbara Field has been contracted with to fill in down times during institute with science related entertainment/learning.
- Howard Manges (Meteorologists) has accepted to present at the 2014 Institute.
- A nurse is needed for the 2014 Institute.
- Funding
 - Milford Central School has committed to \$500/year funding for the Institute moving forward.

V. Marketing

- Posters & Brochures
 - More have been made.
 - They will be distributed and unclaimed products may need to be redistributed.

VI. Business connection

- Survey for teachers to identify business connections
 - A formal process is being arranged.
 - An informal survey (cold calls) has been yielding results that points to limited (if any) local business engagement.
 - It's been suggested that further investigation is warranted.
- Palm Card/Bookmark mailing to businesses
 - On hold until Science Standards are firmly established.

VII. Public Relations

- Media availability to attend STEM Council Meeting

- Still in process

Additional Discussion

- Joe Y brought back the growing importance and need for strong distance learning programs.
- Sen Z informed the Council of his current endeavors in common with the Councils mission
 - He spoke of his current efforts to construct a computer programming elective course offering for local schools financed by a NSF grant opportunity.
 - Sen Z was looking for letters of support from the council and its high school related membership.

Adjourned 10:27AM