21st Century Community Learning Centers (CCLC)–Supporting Additional Learning Time

Grant Information Session
February 27, 2015
9:30 – 2:30 PM
Tower Hill Botanic Gardens, Boylston
Presented by: Department of Elementary and Secondary Education Staff

(PM Slides – PART II OF II FOR THE DAY)

“Time alone guarantees nothing ... but with it, all else is possible.”
--Massachusetts Commission on Time and Learning, 1995
More time to Engage Students

Program Design
Opportunities for Engaging Instruction and Enrichment

★ Using more time to provide more opportunities for:

★ multi-disciplinary service-learning and/or other project-based learning;

★ creative and innovative enrichment
The MA 21st CCLC approach to learning focuses on strategies that engage & support students with different learning styles in gaining a greater understanding of academic content in an atmosphere the fosters creativity.

How do we do this?
Program Design with Student Engagement in Mind

★ When we embed academics into engaging projects...

★ Students also develop self-expression, critical thinking, problem solving skills and positive relationships.
Project-Based Learning (PBL)

★ **DEFINITION...** PBL Creates a Learning Story it is the ongoing act of learning about different subjects simultaneously. Students gain content knowledge & academic skills, learn to solve problems, work in teams, think creatively, and communicate ideas.

★ PBL is more than students simply making something (e.g., a collage about a story, constructing a model, or analyzing water samples from a lake).
  ★ *These activities could be part of a rigorous project if they help students meet a challenge.*

★ Not all "projects" involve creating a physical product; they may be in the form of a multi-media, oral or written presentation.
Design a Shoe Sole

Students create shoe soles that meet specific needs of a potential user.

Students learn about the biomechanics of the human foot in action. They researched treads and thicknesses of various athletic shoes to observe differences and similarities.

- Sketch a technical drawing
- Sculpt a clay model
- Understand the molding process

An example of this would be a student noticing that their grandmother has difficulty moving around their Apt. due to slippery floors.

Guiding Questions:
- Does the solution lie in changing the floors or the footwear?
- Can I change her slippers to make the grip better?
- Is there another product on the market that provides the ease and comfort of slippers with the safety features of shoes with more grip?
Drop a Dime

★ In this class, students research a historic figure who has impacted our world in some way. Students study all aspects of this person’s life – noting the important elements that made this person so important to our world. Students then prepare a presentation based on the information they have gathered, create a costume based on the person they have selected, and actually become that person when someone “drops a dime” during the final exhibition.

• This class was developed not only to build written communication and research skills, but to give students the opportunity to present their final work to an audience.

• In this class, students build their writing skills by gathering relevant information from multiple sources, draw evidence from text to support their analysis, reflection, and research; and then write a narrative using effective technique, well-chosen details, and well-structured event sequences. And, they build their verbal communication skills and confidence as they present in front of an audience.
Program Design with Student Engagement in Mind

★ When we **embed academics** into engaging projects...

★ Students also develop **self-expression**, **critical thinking**, **problem solving skills** and **positive relationships**.
Service-Learning

Implement
Student-Ownership
Real Problems
Apprentice Citizenship
Community
Research
Teaching And Learning
Adults Facilitate

Academic Integrity
Evaluate
Engaging Plan
Real Partners
Authentic
Investigate
PBL
Empower
Service-Learning (SL) is...

a method of teaching and learning that challenges students to identify, research, propose and implement solutions to real needs in their school or community as part of their curriculum.
Service-Learning is...

★ A type of PBL

★ Adult-facilitated process that includes:
   ★ Student Ownership

★ Academic Integrity

★ Apprentice Citizenship
Wetlands Stewardship

★ Elementary school students discovered needs/problems at East Pond
   ★ Field trip to observe
   ★ “Meeting” local species

★ Students investigated cause/effect of problems and possible solutions
   ★ Partners shared models of storm water runoff spread pollutants
   ★ Partners educated students about solutions
Wetlands Stewardship

- Students decided on a project – raise awareness!
  - Create “Save East Pond” brochures
  - Present findings to the Mayor and City Council

- Students...
  - Celebrated
  - Reflected
  - Collaborated
  - Made a difference...
Wetlands Stewardship

★ Students learned new knowledge and skills:

★ Science

★ wetlands, habitats, energy cycles, adaptations, human impacts, pollution

★ ELA (brochures)

★ And more…
Parvo Virus Awareness

★ Middle School students discovered the Parvo Virus problem
  ★ Newspaper scan

★ Students investigated the problem and possible solutions
  ★ Internet research
  ★ Visits from a local veterinarian and local animal welfare organization
Parvo Virus Awareness

- Students decided on a project – Public Service Announcement: Vaccinate your dogs!

- Students planned, implemented and evaluated the impact of their project.
  - More clinics offered for vaccination
  - PSA continuing to run
Parvo Virus Awareness

★ Students learned new knowledge and skills:
  ★ Media and technology
  ★ ELA (storyboards, scripts, journals)
  ★ Research
  ★ And more…
Questions?

5 minutes
Partnerships
Partnerships

★ The most successful programs have strong school-community partnerships that support student outcomes
★ Including academic, social-emotional, civic engagement, wellness, family involvement
★ Organizations with the same priorities, target populations
★ From Contractor to Collaborator; One Way to Reciprocal Relationship
Partnership Examples

★ Nature Centers
★ Museums
★ Theatre Arts Organizations
★ Local Universities
★ Environmental Organizations/Audubon
★ Marine Wild Life Organizations
★ YMCA’s/B&G Clubs
★ Health/Nutrition Centers
★ Counseling Centers
Questions?
Evaluation & Wrap-Up

⭐ Please complete the evaluation to give us feedback about today’s session.

⭐ Because this is a competitive grant, we are addressing all programmatic questions during info sessions/webinars.

⭐ If you have additional questions, join us for an upcoming webinar!
Links

⭐ RFP posting:
http://www.doe.mass.edu/grants/current.html

⭐ 21cclc Funding Page:
http://www.doe.mass.edu/21cclc/funding/FY2016.html
Contact Information

★ Call – 781-338-3010

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NOTE: These slides are Part II of II for the information session.
Thank You