



STEAM Initiatives 2016



Collaborative Program Offerings from O/N BOCES and the O-N Teacher Center All Programs are FREE for O/N BOCES and Teacher Center Districts

Face-to-Face Programs (located at the O/N BOCES Conference Center)



Adding STEAM to the Middle School Classroom (6 hours)

This hands-on workshop is designed to help you support STEAM and its Integration, Inquiry, Invention, and Innovation with your Middle School Students. Teachers will leave with a variety of resources to support these topics, as well as a framework for cross curricular planning and an example inquiry based lesson. February 23, 2016, 8:30am-3:00pm, Susan Cryulik & Jessi Toepfer.

Adding STEAM to the High School Classroom (6 hours)

This hands-on workshop is designed to help you support STEAM and its Integration, Inquiry, Invention, and Innovation with your High School Students. Teachers will leave with a variety of resources to support these topics, as well as a framework for cross curricular planning and an example inquiry based lesson. April 6, 2016, 8:30am-3:00pm, Susan Cryulik & Jessi Toepfer

Adding STEAM to the Elementary Classroom (6 hours)

This hands-on workshop is designed to help you support STEAM and its Integration, Inquiry, Invention, and Innovation with your Elementary Students. Teachers will leave with a variety of resources to support these topics, as well as a framework for cross curricular planning and an example inquiry based lesson. April 28, 2016, 8:30am-3:00pm, Susan Cryulik & Jessi Toepfer

To register for above, [click here](#).

Online Programs

Adding STEAM to Your Teaching Toolbox (15 hours)

This course will explore the STEAM framework, inquiry and Problem-based Learning (PBL). We will connect STEAM to the Common Core State Standards (CCSS) for Math and ELA as well as the Next Generation Science Standards (NGSS). The culmination of the course will be the development of STEAM activities and resources that you can immediately implement into your particular curriculum and grade level.

O16-07 February 22-March 11, online OR **O16-12** April 1-22, *Dr. Michelle Baird*

To register for this course only, please [click here](#).

Quality Assessment Design Seminars (15 hours)

Each seminar is 2 weeks long and is broken down by content area (see schedule below).

Participants will be asked to:

1. View a webinar specific to assessment design in their content area
2. Complete workbook exercises that accompany the webinar (workbook provided)
3. Collaborate with other participants in online chats (at your own convenience)

Schedule:

- Early Childhood (PH-@), Special Education, ELL: January 11-23, 2016
- Language other than English: February 1-13, 2016
- Musical and Performing Arts (K-12): March 1-12, 2016
- Physical Education and Health (K-12): April 4-16 2016
- Technology, CTE, FACS, STEAM (3-12): April 18-30, 2016

To register, [click here](#).