



Essential Components of a NGSS-Aligned Science Program

*For science teachers, science team leaders,
principals and elementary teachers*
Presenter: Mary Anne Butler

Day 1: May 11, 2017, 8:30 a.m.–12 p.m.

This session will provide an overview of the curriculum development process, and enable participants to define the essentials of a high quality science program. They will also create a rubric to assess the quality of implementation. The ideal audience will be teams of teachers and leaders interested in joining a regional consortium to develop and share NGSS science units for grades 3-8. We will share two model units at this initial event. The group will also establish additional dates for sessions this spring and summer.

- Review the big shifts in instruction to meet NGSS
- Address safety issues, best practices in instruction and assessment
- Walk through the model unit(s) - one each for Elementary and Middle school
- Practice using Non-Linguistic Tools to assist students' readiness for modeling
- Explore strategies for building academic conversations and consensus

- Assignment of units for those interested in being part of the Consortium Writing

Location: EASTCONN Conference Center, Hampton
Rooms: Cedar & Chestnut

Course #: 1625300706

Fee: \$45/person

Register: <http://rs.registereastconn.org/courses/view/id/14790>

Day 2: May 24, 2017

This session will build on the work that was done in the initial event on the Essential Components of a NGSS Aligned Science Program. Teams will collaborate to write NGSS-aligned curriculum.

- Review of components of curriculum: big ideas, essential questions, story line, etc.
- Continue to address needs for NGSS-aligned curriculum, including cross-content integration
- Add to the Sample Unit(s) with lesson details and assessments
- Identify a unit that each district will develop, using the template provided by EASTCONN
- Determine timeframe to reconvene for Fall 2017

Location: EASTCONN Conference Center,
Hampton, Rooms: Cedar & Chestnut

Register for one of these 3 options:

1. Middle School: 8:30–11:30 a.m. **Fee:** \$45/person
Register: <http://rs.registereastconn.org/courses/view/id/14791>

2. Elementary School: 12:30–3:30 p.m. **Fee:** \$45/person
Register: <http://rs.registereastconn.org/courses/view/id/14792>

3. Elementary & Middle School: 8:30-3:30 p.m.
Course #: 16253709 **Fee:** \$85/person
Register: <http://rs.registereastconn.org/courses/view/id/14793>

**If you have questions regarding registration, or have difficulty using the online form,
e-mail conferenceoffice@eastconn.org or call 860-455-1533.**