



Updated: March 21, 2012

TRAINING COMPONENT – Science Academies

To support teachers and administrators in the important work related to implementation of the Common Core standards, a statewide evaluation system and other critical pieces, Investing in Teachers includes a comprehensive professional development component.

During the 2012 legislative session, Gov. Dugaard proposed, and the Legislature approved, a one-time investment of \$8.4 million over the next three years. These dollars will be used to offer targeted training and professional development opportunities. In general, teachers who participate in the various events will be paid a \$125/day stipend for work done outside of regularly contracted hours. If work is done during regularly contracted time, the district will be reimbursed for a substitute teacher.

Academies for Science Teachers

Intent: Create a shift in instructional practice to challenge students to higher levels of understanding

Target: Designed for middle and high school science teachers

Goal: Train approximately 420 middle school science teachers and 420 high school teachers

2013 Middle School Science Academies

420 middle school teachers will be trained regionally by “Lead Teachers.” All teachers will be trained in the dimensions of the *Framework for K-12 Science Education* with a specific focus on the scientific and engineering practices. Academies will each be held for three days in the summer of 2013 with one follow-up day for reflection, evaluation, or potential learning community collaboration.

Training of “Lead Teachers” and creation of academy content will take place during 2012-13. In spring of 2013, once “Lead Teachers” have had experience utilizing the *Framework*, the exact structure of the science academy will be developed. More information will be added to this website at that time.

2014 High School Science Academies

420 high school teachers will be trained regionally by “Lead Teachers.” All teachers will be trained in the dimensions of the *Framework for K-12 Science Education* with a specific focus on the scientific and engineering practices. Academies will each be held for three days in the summer of 2014 with one follow-up day for reflection, evaluation, or potential learning community collaboration.

Training of “Lead Teachers” and creation of academy content will take place during 2013-14. In spring of 2014, once “Lead Teachers” have had experience utilizing the *Framework*, the exact structure of the science academy will be developed. More information will be added to this website at that time.

Timeframe:

- 2012-13
 - Creation of content for Middle School Academies

- Summer 2013
 - Academies for middle school science teachers
 - Regional locations
 - 3 days during the summer with 1 day of follow-up
 - Participating teachers receive \$125/day stipend for summer work

- 2013-14
 - Creation of content for High School Academies

- Summer 2014
 - Academies for high school science teachers
 - Regional locations
 - 3 days during the summer with 1 day of follow-up
 - Participating teachers receive \$125/day stipend for summer work

Calendar of Training Dates

Exact dates and locations available at a later time

Description of PD

To be available closer to actual PD dates

Contact

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