

T2L NEWS



Grade 5 (Lisa Tanner's class) working on a food web.

As the academic years of the colleges draw to a close and the end of school quickly approaches for the schools, we take this opportunity to look back at some of the great work that has happened over the year and also to look to the summer work ahead. The first

academic year of the Teaching to Learn project has engaged a whole community in learning and we look forward to building on this strong foundation.

Sincerely,

T2L Project team

SPRING 2015

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Research update: find out the latest on the cutting-edge research being done as part of the T2L project.

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Preview of summer curriculum development work

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Tech Hub: a look at some of the technology within the T2L project.

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Calendar

June 16th: Summer Science Fellows begin work.

Week of June 29th & July 6th: Williams summer science camp.

Project Website

The Teaching to Learn project has a new public home on the internet! While it is still a work in progress, the project's website now lives here:

http://mcla.edu/About_MCLA/area/Community-Collaborations/stempipeline/Teach2Learn/teaching-to-learn

"I go teach at the elementary school, and I walk out saying, 'I love science, I love science.'"

The central goal of the Teaching to Learn program is to impact the science learning experiences of undergraduate science, education, and liberal arts students by engaging them in developing and implementing science curricula in K-7 classrooms in a high needs school district.

Undergraduates from MCLA and Williams College work with both elementary teachers and college science professors to develop inquiry-based units of instruction based on the Next Generation Science Standards (NGSS).

Quick Links

[Berkshire STEM Pipeline Home](#)

Teaching Resources

- Curriculum
- YouTube Channel
- NGSS by Grade

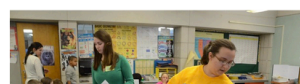
Newsletters

- Winter 2015
- Fall 2014

T2L in the Press

Who We Are

MCLA Education
North Adams Public Schools
Williams CLIA



Look back: Spring Professional Development Topics

PD #1: March 9 & 11

Focus topics: argumentation (as a scientific practice) and science journals.

Representative takeaways: *"Ask the why question and make students support their claim."* and *"Science journal as a source of learning, creating their own learning, and reinforcement."*



The Teaching to Learn project uses technology in many different ways. Here are a few highlights:

Canvas (a web-based learning management system) is used to support and document the work of the Science Fellows and classroom teachers. In grade-level teams they can reflect on specific lessons and their general teaching experiences. These comments and thoughts are used for revising the curriculum

PD #2: April 6 & 8

Focus topics: formative assessment and questioning strategies.

Representative takeaways: *"Pushing students with thought provoking questions is a good way to stimulate discussions."* and *"Using a wide range of assessments/talk strategies are helpful to the students understanding."*

units as well as tailoring the support of project staff.

Video is used to document classroom teaching and professional development workshops. The videos of Science Fellows teaching are reviewed in groups with science faculty from the two colleges, to advance the explanations of science content. The professional development videos will become part of a larger video to help support those involved in the T2L project.

Classroom technology is used by students in many different classrooms as part of the science units and to extend their learning. This could include iPads, online videos, and other digital tools.

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