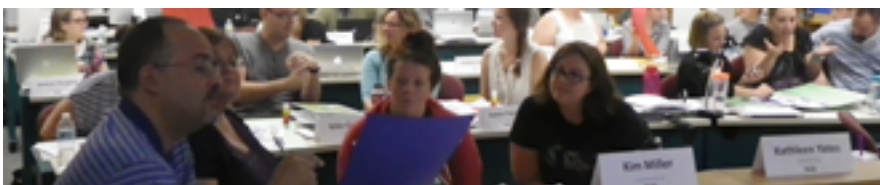


[MATH + SCIENCE] PARTNERSHIP

May workshop

On May 18th, twenty-six teachers and district leads from Osceola, Okeechobee, and Volusia County schools arrived once again at the University of South Florida to participate in another 3-day workshop packed with valuable information about inquiry-based teaching. Participants were met once again by Dr. Yiping Lou, Dr. Luanna Prevost, and Dr. Pamela Blanchard, who were ready to see what the teachers had accomplished in the two months since the group had last met. There was much excitement in the room as the teachers discussed their recent experiences in the classroom.



Lessons, Lessons, Lessons

Since the March MSP workshop, the MSP partnership teachers have been hard at work developing and delivering new 5E lesson plans for their students. Many of the teachers had an opportunity to deliver their new lesson plans prior to the May workshop. Heather Miller was able to oversee the delivery of many of these lesson plans and provide timely feedback to the teachers as they continued their lesson plan development. As the teachers began to develop and deliver the new lessons, many of them began to see the value of 5E reinforced as their students became actively engaged in the inquiry-based activities that they had designed.

MSP Lesson Plan Checklist



With the development of these new lessons, Dr. Lou, Dr. Blanchard, and Heather Miller felt that a lesson plan checklist might assist the teachers in meeting the lesson plan goals that had been established in the first MSP workshop in March. A new lesson plan checklist was introduced to the teachers on the first day of the May workshop. The feedback about the checklist was overwhelmingly positive, and teachers felt that this new resource would improve their ability to understand whether they were successfully meeting the goals of the 5E lesson plans that they had worked so hard to develop.



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May workshop



Lessons, Lessons, Lessons



Lesson Plan Checklist



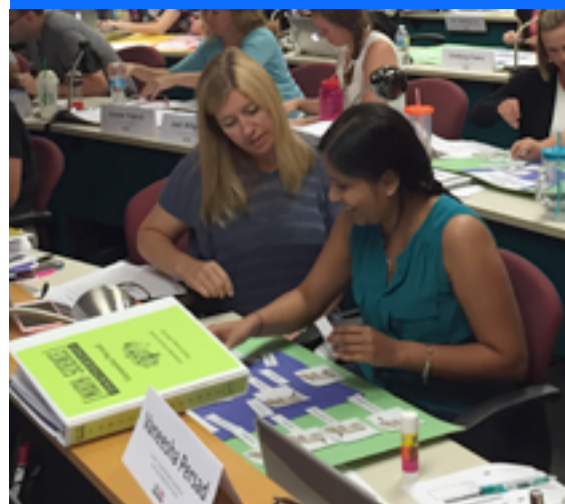
Workshop Highlights



Participant Feedback



Don't forget to visit
the [S4I website](http://science4inquiry.com) often
to check out the new MSP
information and resources!



Newsletter

volume 2. May 2015

Next workshop is June 22-26!

Workshop Highlights

Day one

Teachers arrived energized and ready to work on the first day of the May workshop. The session began with a brief update on the MSP Science4Inquiry website, which continues to be a valuable resource for the group. Teachers were then introduced to a new resource, the 5E lesson plan checklist. This checklist will assist teachers in the development and evaluation of new 5E lesson plans, helping to eliminate ambiguity in the process. Following the checklist activity, Dr. Pamela Blanchard delivered a lesson on Phases of the Moon. A few teachers shared their own experiences and challenges teaching this topic in the past. Following the moon lesson, Lindsey Evans, Brian Glasby, and Judy McDonald delivered a new 5E lesson titled, Monster Mash-up of Genetics. This lesson demonstrated the basics of genetics, in a fun and very innovative way. It was clearly a hit with the group! The day concluded with a lecture on test development and item writing delivered by Dr. Yi-Hsin Chen. Many teachers felt that this valuable topic was something they needed to know more about.

Day Two

When the teachers arrived on the second day of the May workshop, they were greeted by Meghan Hauptli Everett and Michael Green from CPALMS. The representatives from CPALMS provided the group with a demonstration of their website and resources, and then assisted each teacher with account setup. Afterwards, teachers participated in a step-by-step demo on how to upload a lesson plan to the CPALMS website. Following the CPALMS demonstration, Leila Greene and Heather Miller delivered an interactive lesson titled, The Real Story of Where Babies Come From. Greene and Miller circulated the room and observed the success of their 5E lesson before breaking for lunch. After lunch, Dr. Yi-Hsin Chen returned to deliver a lecture on Issues in Computer-Based Assessment. The lecture was followed by a presentation on IBTP item creation by Heather Wright. The follow-up IBTP session was requested by the teachers after the first workshop. Following the IBTP activities, Mike Cimino and Laura French got the teachers up and moving with an engaging lesson on Florida's Sinkholes, which was another big hit amongst the teachers!

Day Three

Dr. Prevost and graduate students, Paul Thurman and Margaurete Romero, started the third and final day of the May workshop with a lesson on using models in science education. While participating in a lesson on photosynthesis, teachers learned what a model is and why you would use one. Afterwards, Dr. Lou guided the teachers in how to register students on the iSA website. Then it was time for Surf's Up Science! Graduate student, Ora Tanner, had fun demonstrating her newly developed game about ocean currents. Following Ora's demonstration, graduate student, Jessica Hooper, provided the group with a brief introduction to Bald Eagle Adventure, a game based on Dr. Pamela Blanchard's bald eagle lesson, that is currently under development. The day concluded with time for teachers to work on revising their lesson plans or test items. It was a busy three days, but much was achieved, and the teachers walked away ready to continue developing new 5E lesson plans.



Feedback

what teachers liked the most...

When asked what they liked most about Day 1 of the May workshop, teachers responded with:

- Participating in 5E lesson modeling
- Taking time to evaluate and share work with their peers
- Reviewing the lesson plan checklist and inquiry activity

what teachers need more of...

When asked what they needed more time and assistance with after Day 1 of the May workshop, teachers responded with:

- Question writing and assessment
- More time working on revising lesson plans



5E Lessons Galore!

