

Newsletter

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Individual Highlights

- Summer Camp @ Rose-Hulman
- Apps for the Classroom
- Professional Development Opportunities
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PRISM Teacher of the Month



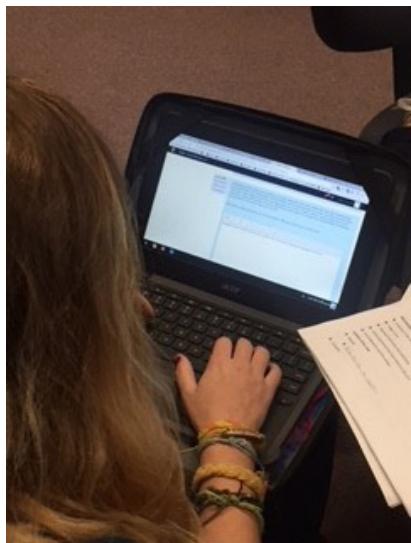
Julie Moore
Career & Technical Education Teacher
Washington Township Middle/High School
Valparaiso, IN

I use Moodle for almost all of the classes that I teach. My students submit assignments, take quizzes, and participate in forums. Using Moodle has made things easier for me. The testing component and course management are the top two reasons I use Moodle in my classroom.

I am most impressed with the testing component. With assessment and feedback being two of the most talked about topics in education, Moodle can help teachers. I am able to test students using a variety of question types to get a good understanding of their level of knowledge for the topic. I can also provide instant feedback for the questions (more than just if the answer is right or wrong). The feedback gives students the opportunity to better understand the material and allows them to learn from their mistakes. Once a test/quiz is created, I can make a copy of the questions and easily modify them for my students who receive modifications thus creating two versions of the same test/quiz with little effort on my part. This year, I am allowing students to take a test/quiz up to three times in one of my courses. Thus, if they get questions wrong, they can go back and study the material and try it again (they do not see the correct answer until the final submission). This allows students to take an active part in their education.

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PRISM Teacher of the Month



From a course management perspective, Moodle is one of the best. I not only use Moodle to provide students with links and documents to supplement their learning, but I use it as a way for me to store some of my teaching materials (which can be kept hidden from students). I just have to go to one place to find the material I need to teach my class. Moodle has the ability to show or hide items quite easily. Moodle allows you to set up multiple groups within the same class, which other tools do not have that ability. This allows me to have one Moodle course for multiple sections (by class periods or even by students who need modifications to the curriculum). Also, once you create a course, it can be shared or copied for another teacher to use.

Moodle prepares students to use other learning management systems. Once students are exposed to Moodle, they can easily transition to using other systems used by their high education institution.

2019 Sustainable Alternative Energies Summer Boot Camp

An Intensive “Boot Camp” Teacher Training Combining Academic Professional Development with Vocational Site Visits to Alternative Energy Providers

Thanks to funding provided by: Frank and Becky Levinson

Where: Rose-Hulman Institute of Technology Campus

When: June 23 - June 28, 2019

From June 23 – June 28, Rose-Hulman PRISM will be facilitating the Sustainable Alternative Energies Summer Boot Camp. The boot camp takes place on the Rose-Hulman Institute of Technology campus. Secondary and Middle School (6-12) STEM teachers teaching units in their curriculum on sustainable energies are invited to submit an application. The purpose of this institute is to provide the teachers a true “boot camp experience” in sustainable alternative energies combining academic professional development with vocational site visits to some alternative energy providers in Indiana.

During the institute, teachers are to be developing standards-based, practical and comprehensive lessons for units on sustainable alternative energies. Time will be given each day to help guide the development of lesson plans. Teachers will also be given time to share their ideas and collaborate each day.

Upon completion, and after fully participating in the institute, each teacher will receive a kit of supplies containing materials for all the lab activities done during the institute. Teachers can also receive, upon completion of the institute, 45 Professional Growth Points (PGP's) to apply on their Indiana Teacher's License renewal.

All participants will be housed in a residence hall on the Rose-Hulman Institute of Technology campus during the institute. Meals will be provided through the Food & Dining Services (Café Bon Appetit) in the student union.

Eligibility Requirements:

- Teachers must be active Indiana Secondary or Middle School STEM teachers teaching units on sustainable energies.
- Priority will be given to teachers that have 0-10 years of teaching experience.

Main Topics

U.S. Power Grid
Energy Conservation
Solar Energy
Wind Energy
Coal-fired Power Plants
Natural Gas Combined-Cycle Power Plants

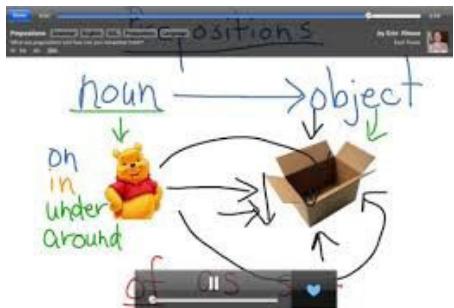
Site visits could include:

Duke Energy Cayuga Power Plant, Cayuga, IN
MISO Headquarters, Carmel, IN
IND Solar Farm, Indianapolis Intl. Airport
Benton County Wind Energy Farms
NIPSCO Power Plant, West Terre Haute, IN

Apply online at the [PRISM website](#). You must create an account on our website. After creating an account, you will need to click on Event Registration on the front page (left-hand side under Main Menu). Then, click on the drop-down menu and select: **Sustainable Energy Experience 2019**.

Apps for the Classroom

ShowMe Interactive Whiteboard

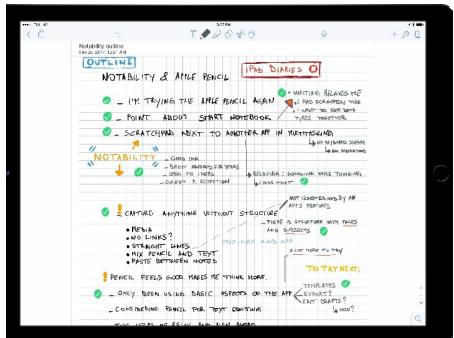


ShowMe Interactive whiteboard app is an application that allows teachers and students of any age to create presentations called 'ShowMe's that can be shared via the device on online privately or to a community audience. The user can record and create engaging voice over presentations of their chosen topic by using some of the many tools such as adding text, drawings, photos and images.

You can also access other peoples 'ShowMe' content covering a vast selection of academic subject matter as well as non-academic topics. You can also subscribe to a premium service that provides an number of extra features such as private postings options, advanced tools, more storage and specified group sharing. The ShowMe interactive whiteboard app is a tool with great potential for both teaching and learning.

To learn more visit: <https://www.showme.com/>

Notability



Notability is one of the most versatile apps available for notes taking. You can type or write notes on notebooks and organize them into folders inside the app. However, it also lets teachers annotate PDF's, which can be great for grading student papers.

Notability records audio and lets you take notes at the same time. You could be having a reading conference with a student, or testing their reading fluency with the audio recorder, while taking notes at the same time on your iPad.

One of the primary reasons teachers like Notability is because of the workflows that can be created in order to retrieve, annotate and submit work. Notability integrates with Dropbox, Google Drive and One Drive. If teachers set up a shared

folder with their class via Google Drive, students can access their documents, annotate them and push them back to their teacher via a privately shared folder. Students can open PDF's from any website in Notability and annotate directly on the PDF.

To learn more visit: <https://www.gingerlabs.com/>

Nearpod – Technology for the Classroom



Nearpod is a great platform that enables teachers, schools and districts to create engaging learning experiences by providing interactive presentations, collaborations, and real-time assessment tools in their courses. With the Nearpod, teachers create immersive learning experiences across iPads, iPhones iPods, Macs and Android devices. These experience can include virtual reality field trips (VR), 3D objects and PhET simulations. Interactive software features empower student voice through activities like open-ended questions, polls, quizzes, collaborative boards and more. Students will learn while having fun.

To learn more visit: <https://nearpod.com/>

Professional Development Opportunities

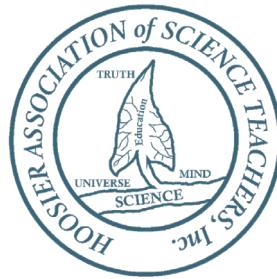
HASTI 2019 Conference STEM: Science Teachers Engaging Students

Start: February 17, 2019

End: February 19, 2019

Location: Wyndham - Indianapolis West

<http://www.hasti.org/>



The 48th Annual HASTI Conference, STEM: Science Teachers Engaging Students, will be held February 17-19, 2019 at the Wyndham Indianapolis-West, Indianapolis.

The purpose of HASTI is the advancement, stimulation, extension, improvement and coordination of science education in all fields of science at all educational levels.

HASTI is a clearinghouse and provider of quality professional development for science educators, and serves as a voice for science education across the state. The association also promotes professional communication among science educators.

SPARC Conference

February 15, 2019

Riverton Parke Junior-Senior High School

4907 Coxville Rd

Montezuma, IN 47862

<https://sparcconference.com/>



A one-day professional development conference for educators at Riverton Parke Junior-Senior High School in the Southwest Parke Community Schools.

Southwest Parke Awakening and Redefining Curriculum (SPARC) Conference - A conference for inspiring and equipping educators to light a fire of change in the way we teach and learn.

\$50 Standard Registration

\$25 College Students

Free for SWP teachers, SWP student teachers, presenters, and vendors sponsoring at \$100 or more.

PRISM Upgrades to Moodle 3.6

We are proud to announce that PRISM is now integrated with Moodle 3.6. You can view a tour of the new features [here](#).

For more information, check out the [Release Notes](#).

Also, the Moodle 'My courses' block has been replaced with the more powerful Custom Course Menu. This new block features:

- Intuitive controls
- Manually hide courses or categories from the list
- Customize sort order of courses and categories
- Expand/collapse course categories
- Favorites "category"
- Last # viewed courses "category"

What PRISM Can Do For You!

- Easily find the perfect teaching and learning resources from our library of over 5,000.
- Save a list of your favorite resources for quick retrieval.
- Create and share lesson plans that teach your subjects utilizing your favorite resources.
- Develop online classrooms with interactive assignments, lessons, quizzes and more!
- Store your classroom materials online so that they are available to you from any computer.
- Reach your students more effectively by using web media for the digital age.
- Earn PGP points by completing PRISM led online Moodle course – either Beginning Moodle or Intermediate Moodle courses are available to you at no cost several times throughout the year.
- Select from free learning resources that emphasize visualization, rich context, staged-problem solving, and electronically enabled collaboration / communication.
- Augment your own dynamic presence in the classroom with teaching tools that mirror the skills needed for success in higher education and the 21st Century workplace.

Through our strong support from the [Lilly Endowment](#) and others, we are constantly growing and improving. Check our site regularly to see what new resources you can use in your classroom.

www.rose-prism.org