

Newsletter

Special Interest Articles

- Summer 2015 Training Courses
- Duke Energy Sustainable Energy Experience

Individual Highlights

- Zaption
- 2015 Summer of Learning
- ICE Teacher of the Year
- Upcoming Events

Summer 2015 Moodle Training Courses

We are offering six FREE online training courses beginning in June. We offer Professional Growth Plan (PGP) points for each course.

Basic Moodle for Teachers (10 PGP Points)

Session 1: June 9 - July 7

Session 2: July 14 - August 11

A basic introduction to Moodle 2.9. You will learn how to build a classroom course and populate it with files, assignments and quizzes.

Intermediate Moodle for Teachers (10 PGP Points)

Session 1: June 10 - July 8

Session 2: July 15 - August 12

A continuation from the Basic Moodle for Teachers course. Choose this course if you already have Moodle experience and would like to learn how to use some of the more advanced features like wikis, databases, lessons, and RSS feeds.

Advanced Moodle for Teachers (10 PGP Points)

Session 1: June 11 - July 9

Session 2: July 16 - August 13

A continuation from the Intermediate Moodle for Teachers course. This course will take the Intermediate level course a step further as participants learn advanced gradebook features, groups and groupings, conditional activities, and the workshop activity module.

All of the courses are completed online at your-own-pace during your own free time.

If you would like to register for a course, please visit the PRISM website, login, and click the 'Event Registration' link. Use the drop-down menu to select the appropriate course and click the 'Registration Form' button. You will see a complete description of the course. To sign up, scroll down and enter your information. You should receive a confirmation email. If you do not receive a confirmation email, please contact us.

Duke Energy Sustainable Energy Experience

From July 12th - July 17th, Rose-Hulman PRISM will be facilitating the Duke Energy Sustainable Energy Institute on the Rose-Hulman campus. This institute has been funded by Duke Energy of Indiana. Indiana 9-12 Agriculture and Science teachers teaching units on sustainable energy (or will be) are invited to apply. The purpose of this institute is to provide the teachers a true “boot camp experience” in sustainable energies combining academic professional development on the Rose-Hulman campus with vocational experience through site visits to some alternative energy providers in Indiana.

During the institute, teachers are to be developing standards based, practical and comprehensive lesson plans for topics on sustainable energy. Time will be given each day for lessons to be developed and actually “challenge questions” will be provided each day to guide the development of lesson plans.

Upon completion and having had full participation in the institute, participant teachers will receive Microsoft Surface devices. This will include a Type Cover and the Surface Pen. Teachers can also receive, upon completion of the institute, 50 PGP's for Indiana Teacher License renewal.

All participants will be housed on the Rose-Hulman campus in a residents hall during the institute. Meals will be provided through Food & Dining Services in the student union.

Eligibility Requirements:

- Teacher must live in a [Duke Energy Service Area](#) (click to view the map)
- Teacher must be an Agriculture or Science teacher teaching units on sustainable energy (or will teach the course in the future).

Main Topics:

- U.S. Power Grid
- Energy Conservation
- Solar Energy
- Geothermal Energy
- Wind Energy
- Bio-refining
- Nuclear Energy

Alternative Energy Site Visits:

- Duke Energy - Cayuga Power Plant
- IND Solar Farm - Indianapolis International Airport
- Ball State University Geothermal Facilities
- POET Bio-refining - Cloverdale, IN

To register for this event, visit the PRISM website, log-in (create an account if you do not have one), and click the ‘Event Registration’ link in the Main Menu. Use the drop-down menu to select the Duke Energy Sustainable Energy Experience option. You will see a complete description of the course. To sign up, scroll down and enter your information. You should receive a confirmation email. If you do not receive a confirmation email, please contact us.

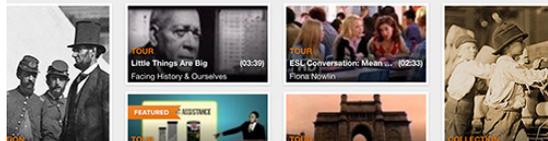
Please register as soon as possible! We have limited availability for this exciting summer opportunity.

Create Engaging Video Lessons with Zaption

[Zaption](#) is a fantastic web app that gives teachers the power to create their own video lessons using a variety of multimedia.



Combining still images, YouTube clips, and more, teachers can design the perfect video to share with their students. They can also add interactive elements like quizzes and drawings. With Zaption content comes alive for students giving them the opportunity to benefit from hand-picked multimedia to help them learn about a particular topic.



Before diving in to create your own, you can check out what's available on Zaption's website. They have a Gallery full of ready-to-use content created by teachers from around the country, and content partners like Facing History and Ourselves. Most of their current content is focused on U.S. History

and Government, but they are working to expand to other subjects in the coming months. Zaption is easy to use and lets you access analytics that show user views and engagement.

Zaption is completely free for Basic users, \$79/yr for Pro users, and offers volume pricing for Campus licenses. Visit their website to watch a video and learn more!

These People Flew Drones into the World's Natural Wonders — Watch What Happened

by Max Plenke

Fly into the gaping mouth of an active volcano. Ride on the back of a leaping dolphin. We've entered an era when tiny, camera-wielding, remote-controlled robots — better known as drones — can take us on vicarious adventures anywhere we want. And we never even have to leave the couch.

Drones, formally called unmanned aerial vehicles, offer angles and perspectives out of reach for a photographer on foot. The resulting footage: awe-inspiring views of places humans simply can't access. Some shots are drop-dead, chin-to-floor, out-of-control beautiful.

Into the volcanos of Vanuatu

Explorer and filmmaker [Sam Cossman](#) took a small team of drone pilots to the South Pacific's Ring of Fire in the Vanuatu Archipelago, where you can find one of the world's few permanent lava lakes, [according to National Geographic](#). Given the extreme, 1,000-degree heat, many of the drones didn't make it out of the 7.5-mile-wide Marum crater, where boiling lava spat and roared beneath them. But not before Cossman caught footage. And unless you're being sacrificed to an angry volcano god, you shouldn't ever be able to see this footage again. See video at: <https://youtu.be/zFIWWM0lv-U>

Along the desolate cliffs of Vermilion

Even though it's right next to the Grand Canyon, Vermilion Cliffs National Monument is practically a ghost town. In contrast to the Grand Canyon's 4.6 million visitors a year, the 300,000 acres of Vermilion are seldom touched by tourists. Tristan Greszko is one of them. He sent a drone with a GoPro to shoot some of the monument's more beautiful, and absurdly dangerous, cliffs and valleys for Smithsonian. The result? Breathtaking. See video at: <https://vimeo.com/96861429>

Swim with killer whales in the wild of Vancouver

The Vancouver Aquarium Marine Mammal Research Program, like any other sane group of people, couldn't get close enough to a massive pack of killer whales to perform their research. So it sent in a drone, nicknamed "Mobly," to detect anything from pregnancy to malnourishment in the whales. And the rest of us get to view something most people will never get to see with the naked eye. See video at: <https://youtu.be/sudPwDgDuH0>

2015 Summer of Learning - Indiana Department of Education

The [2015 Summer of eLearning](#) marks a new milestone for the tradition of supporting high-quality professional learning in Indiana. This year, the summer conference series spans 28 days in June and July, features 24 host locations, and is supported by the work of 41 school districts!

Conferences are listed below with dates, location and registration links provided.

Date	Name of Conference	Location of Conference	Keynote Speaker(s)
June 2nd & 3rd	PowerED Up	Perry Central	Don Wettrick & Jeff Charbonneau
June 4th	AppleMania: eLearning at the Core	Greenfield-Central Junior H.S.	Dr. James Beeghley
June 5th	AppleMania: eLearning at the Core	Doe Creek Middle School	Kevin Honeycutt
June 8th	Greencastle Tech Con 15	Greencastle High School	Scott McLeod
June 9th	iPossibilities and Beyond	Center Grove High School	Ginger Lewman
June 9th & 10th	Connecting the 4 C's	Mount Vernon Senior High School	Will Richardson, Matt Miller & Holly Clark
June 10th & 11th	Making a Splash with Digital Learning	Batesville High School	Chic Thompson
June 10th & 11th	WISE 15	Northfield Jr/Sr High School	Dr. Michail Wesch, Kristin Ziemke, Kim Campbell, & Michael Gorman
June 11th & 12th	WeLearn	Yorktown High School	Ramsey Musallam & Matt Miller
June 15th & 16th	Empowering Students with Technology	Lawrence North High School	Alan November & Josh Stumpenhorst
June 16th & 17th	engagED NWI	Lowell Senior High School	Steve Dembo & Josh Stumpenhorst
June 17th & 18th	eLearningNexGen	Western School Corporation	Nick Provenzano & George Couros
June 23rd & 24th	Digipalooza	Scottsburg Middle School	George Couros & Kyle Pace
June 25th & 26th	PV trAnSfoRM	South Vermillion Middle School	Kevin Honeycutt & Tara Linney
July 8th & 9th	EVSC eRevolution: Teaching & Learning Conference	Evansville - North High School	Rushton Hurley & Ben Honeycutt
July 9th	Google EdCamp	Chapel Hill 7/8th Grade Center	Google Certified Educators
July 14th & 15th	AlicElearning Blended Learning in the eWonderland	Clark Middle School	Leslie Fisher
July 14th & 15th	We R Richmond eLearning Expo	Richmond High School	Tom Murray, Ken Grover, Yancy Unger
July 16th & 17th	iPadpaloozaIN	Noblesville High School	Carl Hooker & Jared Stein
July 21st	IntegratED	East Noble High School	Dave Burgess
July 24th	Clark County Connectd Conference	Jeffersonville High School	Dean Shareski
July 27th & 28th	e3 Tech Conference	Warsaw Community High School	Todd Nesloney & Shannon McClintock Miller
July 28th & July 29th	Catch the Wave of eLearning	Lafayette Jefferson High School	Kevin Honeycutt & Leslie Fisher
July 29th	P-H-M Technovation	Penn High School	Dean Shareski

ICE Teacher of the Year

2015 Teacher of the Year Nominations



Indiana Connected Educators (ICE) is proud to recognize quality Indiana K-12 Educators, who effectively integrate technology into their curriculum, and have a positive impact on the learning and lives of Indiana students.

Nominations must meet the following requirement to be considered:

A full time K-12 teacher with a current Indiana State issued license

Recipients will be presented their award during the 2015 ICE Conference in Indianapolis, and are REQUIRED to attend. As part of the recognition, they will receive FREE registration to the conference, and will be asked to present ONE concurrent session during the conference on any topic they wish regarding what works in technology and education.

Nominations are due using the form below by September 12, 2015. Award recipients will be notified no later than September 29.

Nomination Form: <http://bit.ly/1JlWDbL>

Upcoming Events

ICE Maker Summit

Join this **FREE**, fun learning opportunity!

Free to attend, the ICE Maker event will offer educators both open-ended exploration time in the morning and more focused collaborative discussions in the afternoon. This event is meant to inspire new ideas and provide practical approaches to supporting “making” and creativity in schools. The day includes breakfast and lunch, and ultimately, attendees will leave with a better understanding of the Maker Movement as it applies to education as well as resources for staying connected to this community in the future. Connect with us on Twitter by following the hashtag #ICEmaker15.

When:

Saturday, Aug. 15th, 8:30am

Where:

Wendell W. Wright Education Building
Indiana University - Bloomington
201 North Rose Avenue
Bloomington, IN

Register: <https://www.eventbrite.com/e/the-ice-maker-summit-tickets-16024423482>

What PRISM Can Do For You!

- Easily find the perfect teaching and learning resources from our library of over 4,000.
- 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



PRISM is a free website that provides collections of online resources for Indiana educators in the fields of science, technology, engineering, and mathematics (STEM). The primary collection of digital teaching materials is indexed according to the Indiana Academic Standards for 6th, 7th, and 8th grade and secondary education courses.