prism
hosted by ROSE-HULMAN INSTITUTE OF TECHNOLOGY
May 2018
Volume 8, Issue 5

Newsletter

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Summer 2018 Moodle Training Courses

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

Basic Moodle for Teachers (10 PGP Points)
July 3 - July 31

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

Intermediate Moodle for Teachers (10 PGP Points)
July 4 - August 1

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)
July 5 - August 2

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.

Rose-Hulman PRISM – Summer of Professional Development for Indiana Teachers

2018 Summer Intensive Institute

June 4 – June 15
Workshops for Middle School STEM Teachers
Integrating Indiana Academic Standards

This summer, Rose-Hulman PRISM will once again host professional development experiences for Vigo County School Corporation's Middle School Math and Science teachers. This will be the tenth year for intensive summer institutes. All sessions will take place at Woodrow Wilson Middle School in Terre Haute, Indiana. Teachers will be engaged in 40 hours of professional development provided by professors from Rose-Hulman Institute of Technology. Over 25 math and science teachers will be provided training during the institute.

Week One: June 4 – 8 Physical Sciences (Chemistry) / Life Sciences / Engineering Design Challenge

Teachers will be immersed into lessons and activities in three conceptual areas of science: 1) Physical Sciences with a focus on chemistry and types of energy lessons and activities. 2) Life Sciences with a focus on food webs, food chains and ecology concepts. On Friday, teachers will be given an engineering design challenge which will fully integrate science, technology, engineering and math.

Week Two: June 11 – 15 Math – Number Sense / Computational Thinking / Algebra / Geometry

Teachers will be immersed into lessons and activities in four conceptual areas of math: 1) Number Sense 2) Computational Thinking 3) Algebraic Thinking and 4) Geometry and Engineering Design. On Friday, teachers will be given an engineering design challenge that will fully integrate geometric thinking and other math content into the engineering design process.

Rose-Hulman PRISM – Summer of Professional Development for Indiana Teachers

2018 Duke Energy Sustainable Energy Summer Institute
An Intensive "Boot Camp" Teacher Training Combining Academic Professional Development with Vocational Site Visits to Alternative Energy Providers

Funding Provided by the Duke Energy Foundation

From July 8 – July 13, Rose-Hulman PRISM will hold the Duke Energy Sustainable Energy Summer Institute funded by the Duke Energy Foundation. The six-day residential workshop takes place on the Rose-Hulman campus. Secondary and Middle School (6-12) science, technology & agriculture teachers teaching units on sustainable energies will be participants in the institute. This institute provides teachers a true "boot camp experience" in sustainable energies. The itinerary combines academic (in-class and lab) professional development with vocational experiences through off-campus visits to power plants and other facilities involved with alternative energies. During the institute, teachers will develop standards-based, practical, and comprehensive lessons for units on sustainable energies.

After fully participating in the institute, each teacher will receive a kit of supplies containing materials for all the lab activities. Participants will also receive a Chromebook and access to Moodle (a full-featured learning management system). Taking part in an online community of practice during academic year 2018-2019 is encouraged. 45 Professional Growth Points (PGP's) will be awarded upon completion.

2018 Sustainable Energy Summer Institute
An Intensive "Boot Camp" Teacher Training Combining Academic Professional Development with Vocational Site Visits to Alternative Energy Providers

From July 15 – July 20, Rose-Hulman PRISM will be facilitating the Sustainable Energy Summer Institute. The institute takes place on the Rose-Hulman Institute of Technology campus. Secondary & Middle School (6-12) science, technology and agriculuture teachers teaching units in their curriculum on sustainable energies will be participants. 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 lessons for units on sustainable energies. Time will be given each day to help guide the development of lesson plans.

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.

Project Learning Tree

Project Learning Tree (PLT) is an award-winning internationally recognized environmental education program that provides ready-made lessons and activities for educators. PLT can integrate easily into an existing curriculum and can be used to supplement all subject areas. PLT uses the forest as a "window to the world," helping young people gain an awareness and knowledge of the world around them and their place within it. Students develop skills in creative problem solving, critical thinking, and evaluation and research while having fun.

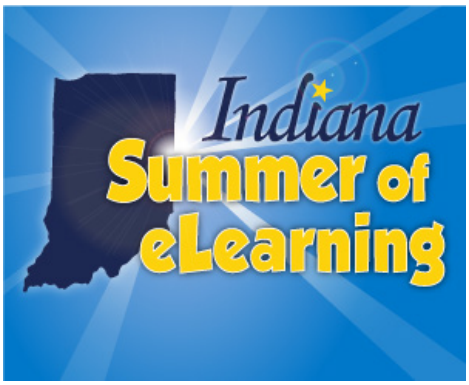
PLT activities are hands-on interdisciplinary lessons that integrate easily into all subject areas. They are correlated to both state and national educational standards, useful to formal and non-formal educators from pre-school through high school. PLT is designed to teach students HOW to think, not tell them what to think. To obtain PLT materials, you must attend a PLT workshop where the program is introduced, activities conducted and many more teaching resources provided.

- Program Overview
- Early Childhood Activity Guide
- PreK-8 Activity Guide
- Secondary Modules
- Indiana Natural Resources Teacher Institute
- Some Additional Resources Available Through Indiana PLT

Project Learning Tree
DNR-Division of Forestry
402 W. Washington, Rm. W296
Indianapolis, IN 46204
(317) 234-5143
plt@dnr.IN.gov

For questions about Indiana PLT, or to join a PLT workshop, contact Donna Rogler, PLT Coordinator, at the above address.

Summer of eLearning



The 2018 Summer of eLearning marks the seventh year of regional conferences sponsored by the Indiana Department of Education, Office of eLearning. This conference series continues our strong tradition of supporting high-quality professional learning in Indiana. Events this summer are tentatively scheduled from the end of May to the beginning of August. 19 locations will host conferences, most in collaboration with neighboring corporations. In all, a record 51 school districts will combine their efforts to produce the Summer of eLearning!

Dates	Conference	Location
May 31 - June 1	TechEZ	Martinsville High School, Martinsville, IN
June 4 - 5	Connectin the 4C's	Mount Vernon Senior High School, Mount Vernon, IN
June 5 - 6	Making a Splash with Digital Learning	Batesville High School, Batesville, IN
June 6 - 7	South Shore eLearning Conference	Morton Senior High School, Hammond, IN
June 6 - 7	IGNITE: The future looks bright	Sunnyside Intermediate School, Lafayette, IN
June 7 - 8	Innovation Exchange	Fishers High School, Fishers, IN
June 7 - 8	AppleMania	New Palestine High School, New Palestine, IN
June 12 - 13	eLEAD 2018	Anderson High School, Anderson, IN
June 12 - 13	iTeach Tech, Technology Tools Best Practices	Woodburn, IN
June 14 - 15	eVillage	Washington Township Middle High School, Valparaiso, IN
June 14	eLearning NexGen Future Ready	Taylor Community Schools, Kokomo, IN
June 18 - 19	Education to Better Their World	Madison Consolidated High School, Madison, IN
June 19 - 20	We R Richmond eLearning Expo 7	Richmond High School, Richmond, IN
June 21	The Suite Life	Barr Reeve High School, Montgomery, IN
July 10	IMPACT	Jasper Middle School, Jasper, IN
July 11	#C4: Connect, Collect, Collaborate, and Create	Clay Middle School, Carmel, IN
July 23 - 24	e3 Technology Conference Equip - Engage - Excel	Warsaw Community High School, Warsaw, IN
July 31	Technovation	Penn Harris Madison, Mishawaka, IN
August 1	PowerED Up	Perry Central, Leopold, IN

Indianapolis Project STEM
High School Summer Research Program

Welcome to the Indiana CTSI Project STEM, developing the pipeline of future scientists through support for the Indianapolis Project SEED, Indianapolis Project STEM and Future Scientist Program programs. This website provides information for the Indianapolis Project STEM program. It is designed to be an information center for high school students who want to explore a career in any of the Science, Technology, Engineering, and Mathematics fields such as Medicine, Dentistry, Computer Science, Information Technology, Life Sciences, Chemistry, Bio-Medical Engineering and others. To support students and their families in identifying programs most suitable for each, we have created a directory of high school internship programs and other opportunities across Indiana and the nation. To find a program best suited for you based on your location, grade or other criteria, please click on the following link to read a brief description of each program and for information on contacts: Indiana CTSI Project STEM.

If after reading this information you would like help in identifying programs, please feel free to contact:

- Program Director Elmer Sanders at elmer.sanders@yahoo.com
- Student Coordinator Shari Harrison at harrison.shari@gmail.com

To promote the advancement of science and all STEM related fields, we host meetings each year and also recommend others from membership societies and other organizations serving Indiana.

To see a list of upcoming events, visit: www.IndianaProjectSTEM.org/stem.pdf.

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