Newsletter

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Spring Moodle Training Courses

We are offering six FREE online Moodle training courses this spring. We offer Professional Growth Plan (PGP) points for each course.

Basic Moodle for Teachers (10 PGP Points) – A basic introduction to the Moodle LMS. You will learn how to build a classroom course and populate it with files, assignments and quizzes.
Dates: March 23 – April 20

Intermediate Moodle for Teachers (10 PGP Points) – 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.
Dates: March 24 – April 21

Advanced Moodle for Teachers (10 PGP Points) – A continuation from the Intermediate Moodle for Teachers course. This course will take the Intermediate level course a step further as participants learn advanced grade book features, groups and groupings, conditional activities, and the workshop activity module.
Dates: March 25 – April 22

Crash Course Activities and Resources for Moodle (8 PGP Points)
This course focuses on learning how to use the Moodle activities and resources to develop quality lessons for students on the online Moodle platform. Teachers will learn how to grade assignments and other activities more efficiently and provide feedback to students in a secure online environment.
Dates: March 23 – April 20

Crash Course on Gradebook & Grading for Moodle (8 PGP Points)
This course focuses on learning how to use the Moodle grade book. Teachers will learn how to add, edit, and update grade items in addition to advanced grade book topics.
Dates: March 23 – April 20

Crash Course on Quiz Question Types for Moodle (8 PGP Points)
This course focuses on learning how to create and use the various Moodle quiz question types.
Dates: March 23 – April 20

Crash Course on Activities & Resources

If you need to get an online course built for eLearning, this is a good distance education course to take to learn about Rose-Hulman PRISM Moodle LMS. You can have a course "up and going" in no time.

Crash Course on Activities & Resources for Moodle is a distance education course designed to provide teachers and school administrators the skills necessary to use a basic Moodle course to:

1. Develop quality lessons, activities and educational resources for their students on a platform that can be accessed online readily on various devices ranging from PC's to smartphones.
2. Enable teachers to grade assignments and other activities more efficiently and provide feedback to students in a secure online environment.
3. Enable teachers and administrators to create online quizzes, tests and other assessments. The assessments are graded upon completion and a variety of data can be compiled quickly and efficiently to use for various reports.

Special Note: Crash Course on Activities and Resources for Moodle is meant to be an introduction to the Moodle LMS and these features. By taking this course, a teacher or administrator should obtain the skills to begin adding some quality activities and resources to a basic Moodle course. It is not a comprehensive training for Moodle. Gradebook setup and grading along with more advanced features used in Moodle are not covered in this course. If you want more comprehensive training, please register for one of the following PRISM distance education courses:

Basic Moodle for Teachers
Intermediate Moodle for Teachers
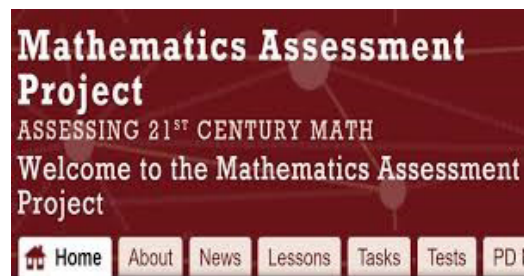**Advanced Moodle for Teachers**

If you would like to register for any of the courses, please visit the PRISM website, log in (create an account if you need one), and click the 'Event Registration' link. Use the drop-down menu to select the appropriate course. You will see a complete description of the course. To sign up, scroll down, enter your information, and click the 'Submit Registration' button. You should receive a confirmation email. If you do not receive a confirmation email, please contact us.

Resources for Teachers

Illustrative Mathematics delivers high-quality, problem-based core curricula for K-12 Math teachers and students. The Illustrative Mathematics team strives to create a learning environment where learners enjoy mathematics and are actively engaged in interactive lessons. The website also provides professional learning experiences for math teachers and other educators. Teachers are able to search for lessons at grade level and organized to math standards.

For more information go to: Illustrative Mathematics

The Mathematics Assessment Project (MAP) is part of the Math Design Collaborative initiated by the Bill & Melinda Gates Foundation. The project has goals of designing and developing well-engineered tools for formative and summative assessments in math. The tools are relevant to any math curriculum that seeks to deepen students' understanding of mathematical concepts. There is a particular emphasis on developing the students' ability to apply knowledge to non-routine problems. Resources available on the MAP website include: Formative Assessment Lessons: Classroom Challenges, Summative Assessment Tasks, Prototype Tests, Professional Development Modules and The TURE Math Tools Suite.
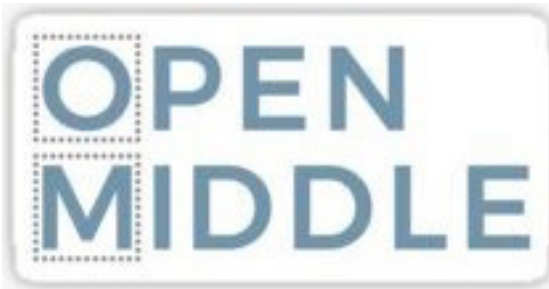
For more information go to: MAP

Resources for Teachers

Engaging and curriculum-aligned resources can be found at National Geographic Kids. Resources are pupil-focused, are available for most subject content areas including: English, Maths, Sciences, Geography, Social Studies and the Arts. Learning games are available to engage students. These games are fun but actually test students' skills. Word scrambles and other puzzles are also available as engaging activities for students to study concepts.

For more information go to: National Geographic Kids

Open Middle is a unique math problems website. It is an excellent resource for K-12 math teachers to obtain worksheets and additional problems to push their students a little further. Most of the problems found on the Open Middle website require more critical thinking skills and application of math concepts learned in a standard curriculum.

Characteristics of most Open Middle problems include:

- They generally have multiple approaches and ways to be solved. This is in contradiction to giving students a set of problems and asking them to solve them all in the same procedural manner. Example.
- They may involve optimization such that it is easy to get an answer but more challenging to get the best or optimal answer. Example.
- They may appear to be simple and procedural in nature but turn out to be more challenging and complex when you start to solve it. Example.
- They are generally not as complex as a performance task which may require significant background context to complete. Example.

If you have a desire to push your students just a little further down the road and challenge them with some very good math problems, check out: Open Middle

2020 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: July 12 - July 17, 2020

From July 12 - July 17, 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	Site visits could include:
U.S. Power Grid	Benton County Wind Energy Farms
Energy Conservation	Hoosier Energy Merom Power Plant, Merom, IN
Solar Energy	MISO Headquarters, Carmel, IN
Wind Energy	NIPSCO Power Plant, West Terre Haute, IN
Coal-fired Power Plants	Natural Gas Power Plants
Natural Gas Combined-Cycle Power Plants	

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 2020**.

Reboot
IDOE - Digital Learning Conference Series

The IDOE is sponsoring seven regional conferences around the state of Indiana to provide high quality professional development in technology integration in six strands: STEM+Computer Science, Blended Learning, Innovative Leadership, Social-Emotional Learning, INspirED Instruction, and #TrendingNow. Content will be delivered by IDOE specialists and Indiana leaders in the Ed Tech community.

The cost is $20 for Indiana teachers and administrators.

For more information go to: Reboot

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

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