January Moodle Training Courses

We are offering six FREE online Moodle training courses in January. 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: January 12 - February 2

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: January 13 - February 3

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: January 14 - February 4

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: Ongoing - Register any time!

January Moodle Training Courses

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: Ongoing - Register any time!

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: Ongoing - Register any time!

If you would like to register for a course, please log in to the PRISM website and click the 'Event Registration' link in the Main Menu on the left. 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.

Contact us if you have any questions.

Resources for Teachers

Figure This is an excellent resource for parents helping their children with middle school math at-home. Math skills are important today. Today's students need to be able to master higher-level concepts and approaches to problem solving that are essential for success in STEM careers. To meet this need, the National Council of Teachers of Mathematics (NCTM) in cooperation with the National Action Council for Minorities in Engineering, Widmeyer Communications, and the Learning First Alliance have created the "Figure This!" website. Math activities presented on Figure This! provide interesting and intriguing challenges for the entire family to become engaged in the learning experience. Most are real world examples of math applications. Cartoon characters named Polygon, Tessellation, Exponent, Tangent, and Axis illustrate the challenge features. They think math is great!

For more information and to try some of the math challenges: https://figurethis.nctm.org

Curriki is a resource that can be used to transform online curricula into engaged learning experiences for students. Curriki has a mission to make educational resources open, free and easy to create. CurrikiStudio is a free and open content authoring tool for educators to use when creating their own online courses. CurrikiLibrary has free and open educator-vetted, openly licensed materials for use, reuse and for adaptation to own needs. Resources from Curriki can also be openly shared between educators. Curriki can become an essential resource for teachers creating online courses for students particularly if they are searching for ways to create more meaningful and engaging experiences for their students.

For more information: https://www.curriki.org

Resources for Teachers

STEMfinity is a one-stop online STEM shop that has the latest STEM education products to engage students. They target PreK-12 teachers of STEM, robotics, 3D pringing, drone technology, alternative energies, computer science and rocketry. STEMfinity has over 30,000 project-based STEM resources. STEMfinity's online resources include: STEMfinity's STEM Resources include:

- Labs, kits, camps, equipment, manipulatives, and anything else students can get their hands on to learn.

- Professional development, product implementation, and standards support.

- Free grant opportunities from state, federal, and private organizations.

- Free online resources including activities, curriculum, and games.

- Free STEM Experiment of the Week including video demonstration, standards alignment, and experiment guide.
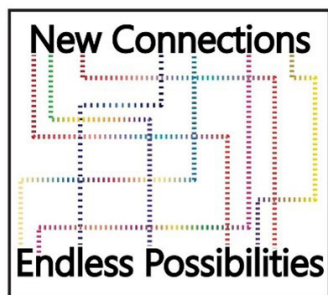
For more information: https://www.stemfinity.com

SplashLearn is a K-5 math learning platform built for kids. Complete math curricula is available for K-5 students. SplashLearn has resources for parents to work with their children on math skills. The program is easy for parents to setup and their children can become engaged with learning math at home. Personalized learning programs can be setup for each child. Children are engaged in math games in which they can redeem coins to buy and collect animated pets. SplashLearn also has excellent resources for teachers to create their own online classroom of resources to engage students in math and provide practice. Excellent teacher dashboards are used for teachers to monitor progress and get feedback on student performance.

For more information: https://www.splashlearn.com

Professional Development Opportunities

2021 HASTI and ICTM Virtual Conference

HASTI and ICTM are bringing together math and science teachers in an enhanced virtual science and math conference February 6-9, 2021. Initial plans were made for a face-to-face, but these plans were changed due to the public health concerns with a face-2-face conference. Exhibitors will have the opportunity to advertise and provide promotional videos before the conference as well as during the conference. A virtual exhibit hall is being created for the conference. In the exhibit hall attendees will have the ability to visit virtual booths to ask questions and view the latest products available from science and math education vendors. This year's conference will also feature a virtual Exhibit Hall Scavenger Hunt where attendees can win prizes. More details on this event will be provided by HASTI and ICTM team members. It is hoped that exhibitors will contribute gift certificates/cards, memberships, subscriptions, or products as prizes.

For more information and to register:

http://www.hasti.org/conference
https://ictm.onefireplace.org/2021-Conference

6th Annual Indiana STEM Education Conference – Virtual
January 14, 2021

The theme for the 6th Annual Indiana STEM Education Conference is "STEM Education Meets a Global Challenge". The conference will have new features addressing the current STEM education needs of K-12 teachers and schools. The conference is sponsored by Purdue's Center for Advancing the Teaching and Learning of STEM (CATALYST) and the College of Education. The conference is tailored to the professional development needs of Indiana K-12 STEM teachers and other educators to share best practices, innovative instructional ideas and current educational research in the STEM education areas.

The Indiana STEM Strategic Plan provides a framework for a future in which all Indiana K-12 students will graduate with skills and knowledge necessary for participating in an innovation-driven economy. The objectives of this six-year strategic plan include improving STEM instruction, scaling evidence-based STEM curriculum in classrooms, and fostering early STEM career exposure.

For more information and to register:

https://www.education.purdue.edu/catalyst/catalyst-programs/indiana-stem-ed-conference/

The STEM Connection provides professional development opportunities for Indiana STEM teachers and other educators; however, all professional development opportunities for the 2020-2021 school year have shifted to virtual learning experiences. Webinars are scheduled for January, February and March of 2021. Brief information about each of the scheduled webinars is provided below. PGP and CYC certificates are available upon completion of each webinar.

1. **STEM & PBL Connect for Success Webinar**
    January 21, 2021 – 4:00 pm
    Registration Link: available in early 2021

2. **STEM & Differentiation Webinar**
    February 18, 2021, 4:00 pm
    Registration Link: available in early 2021

3. **Creating a Family STEM Kit Webinar**
    March 18, 2021, 4:00 pm
    Registration Link: available in early 2021

For more information: https://thestemconnection.org/stem-professional-development/

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