

Newsletter

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Moodle Training Courses

We are offering six FREE online Moodle training courses this fall. 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: Ongoing - Register any time!

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: Ongoing - Register any time!

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: Ongoing - Register any time!

Moodle Training Courses

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!

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 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!

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.

Resources for Teachers

OpenLearn

OpenLearn is a free learning platform for all. It is hosted by The Open University. OpenLearn delivers “bite-sized” learning experiences designed to fit many peoples’ lifestyles and time they have for learning. Content covers a wide range of subjects including money and business, educational development, history and the arts, languages, nature & the environment, science, math, and society & politics. Excellent resources for teachers, students and parents wanting to learn. Everything on the OpenLearn platform is free.

For more information: <https://www.open.edu/openlearn/>



Mr. Nussbaum Learning + Fun is a website that provides high quality learning applications and interactives for K-8. The website features over 10,000 online and printable activities including over 400 games, tutorials simulations and video lessons. MrNussbaum Learning + Fun offers dozens of interactive games specifically designed to pinpoint one or several essential concepts taught in grades K-8, and dozens of research themes designed to make the process of gathering information interactive and enjoyable. Subjects available include: Geography, History, Language Arts, Math and Science. Mr. Nussbaum Learning + Fun resources are best used as guided practice and drills to supplement concepts covered in the classroom. Teachers can assign activities in the computer lab or as homework, or use some of the games on an interactive whiteboard for group demonstrations.

For more information: <https://mrnussbaum.com/>



ChemCollective is a project in the National Digital Library at Carnegie Mellon University. Teachers can use ChemCollective resources for pre-labs, alternative to textbook homework and for in-class or outside of class learning. The content is developed by faculty and staff at Carnegie Mellon University. Free resources include Open Learning Initiative (OLI) Chemistry I and II complete online courseware for AP and college level chemistry. Chemistry modules from the NGSS are also available on the ChemCollective website. These modules have virtual lab activities that can be used in each module. Types of resources that are freely available on the ChemCollective website include: virtual labs, auto-graded problems, tutorials, scenario-based activities, comprehensive online chemistry courses, simulation activities and concept tests.

For more information: <http://chemcollective.org/home>

Resources for Teachers



The Biology Corner is a website developed by Shannon Muskopf, a biology teacher at Granite City High School in Granite City, IL. Shannon's main goal has been to instill a sense of an appreciation for science and for them to be lifelong learners. She perceives technology as an important component of all educational endeavors and possesses a love of "all things" technology. The Biology Corner is a valuable website for biology teachers and students. A variety of lessons, quizzes, labs, web quests, and information on science topics for all levels, including introductory life science and advanced placement biology are available on The Biology Corner website. As technology evolves, Shannon has made, and will make, what she perceives as needed changes to her website. She feels the importance of making all the resources available on mobile devices (smartphones and such). She is also interested in developing educational apps that coincide with resources on The Biology Corner website.

For more information: <https://www.biologycorner.com/>



Math Playground was created by Colleen King in 2002. She created Math Playground to provide her students with a fun way to learn and practice math. Math Playground has evolved since 2002 to include a wide variety of math topics, problem-solving skills, mathematical art, math logic games, story math and math videos. Teacher guides are available on the website for many of the math games. Math Playground is kidSAFE COPPA CERTIFIED. Math resources are available for grades K-6.

For more information: <https://www.mathplayground.com/>



GeoGebra is an interactive website containing mathematics software for all levels of math education. Resources are available for algebra, calculus, geometry, graphing and spreadsheet applications, statistics and a collaborative whiteboard. Classroom resources include online simulations, exercises, comprehensive lessons and math games. GeoGebra utilizes open-source software freely available to non-commercial users. Free downloadable apps are available for iOS, Android, Windows, Mac, Chromebook and Linux. Downloadable apps include: Calculator Suite, Graphing Calculator, 3D Calculator, Geometry app, GeoGebra Classic 5 & 6 and the CAS Calculator.

For more information: <https://www.geogebra.org/>

Professional Development for Teachers



50th Anniversary - HASTI State Conference

February 13 - 15, 2022

Educators are invited to submit a program/workshop proposal for the 2022 HASTI Annual Conference that will be taking place February 13-15, 2022 at the Marriott - Indianapolis East Conference Center. The theme of the conference is: The Golden Age of Science Education.

This year's strands include:

1. Culturally responsive teaching: Being responsive to the needs of all learners.
2. Connected to the “core” learning experiences: Connecting learning experiences to the NGSS Core Ideas.
3. Grounding Practice in Research: What does research tell us about our current practices?
4. Applying knowledge in context: Taking what we know and applying it other places.
5. Sense Making & Argumentation: Using argumentation in our practice to help students develop sense making.

New guidelines have been established for session proposals. Read carefully the descriptions provided to determine what category to submit proposals. Each presenter is limited to submitting a maximum of up to two proposals.

Deadline for submission is October 1, 2021. Any proposal submitted after October 1 will be placed on a wait list.

For more information: <https://hasti.org/event-4320336>

Professional Development for Teachers



The STEM Connection provides professional development programs for teachers, other educators including youth workers and caregivers. By sharing STEM content knowledge, The STEM Connection empowers these educators to provide high quality STEM educational experiences for children. Most programs currently are webinars rather than in-person workshops due to the Covid-19 environment. PGP and CYC certificates are available upon completion of each program. The cost of each program is \$10.00 per participant. Webinars that are scheduled for the 2021-2022 school year are listed below.

- STEM Quick Wins – Sept. 9, 2021, at 4:30 p.m. ET
- STEM for Unique Needs Youth – Oct. 7, 2021, at 4:30 p.m. ET
- STEM in Middle School – Nov. 4, 2021, at 4:30 p.m. ET
- STEM & Social-Emotional Learning – Jan. 13, 2022, at 4:30 p.m. ET
- Using Unplugged Coding to Teach Computer Science – Feb. 10, 2022, at 4:30 p.m. ET
- Best Practices in Outdoor Learning – March 10, 2022, at 4:30 p.m. ET

For more information: <https://thestemconnection.org/>

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