

## Newsletter

### Special Interest Articles

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- Spring Moodle Training Courses

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- Resources for Teachers

## Free Services for Educators

Indiana K-12 teachers in charter, parochial, private, and public schools are experiencing what they have never fully done before, teaching their classes online and conducting remote learning for their students. In order to most effectively facilitate an online learning program with students, teachers should be using a secure, easy-to-use, learning management system (LMS) that is full featured. The LMS should enable teachers to fully author their own courses and build them to the format that is convenient for them and easy for their students to navigate.

Rose-Hulman PRISM has the Moodle LMS available to all Indiana K-12 teachers from charter, parochial, private, and public schools. Moodle is the world's leading learning management system. Moodle is designed to provide educators, administrators and learners with a single robust, secure and integrated system to create personalized learning environments.

Many current textbook resources can be fully integrated into Moodle through an external tool connection. Moodle has excellent assessment authoring tools through the quiz activity and question bank feature. Teachers can author their own questions or import questions from external test banks. Moodle has activities that can be integrated into courses that encourage and require collaboration between students and between students and the teacher. Teachers have the ability on a Moodle course to build mastery lessons in which students must meet set mastery levels prior to moving forward through exercises, quizzes and other activities. Teachers can integrate Zoom, Microsoft Teams and other video platforms for class meetings and video lessons.

Rose-Hulman PRISM welcomes all K-12 teachers. To investigate, or to begin using PRISM's Moodle LMS, a teacher needs to go to the PRISM website, Create an Account through the link in the Main Menu and then either go to Event Registration or Create a Course in the main menu. On the Create an Account, the teacher will need to complete an online form for registration. Creating an account is required for a teacher to have access to the Moodle LMS, creating a course, and being enrolled in any Moodle courses.

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## Free Services for Educators

The Event Registration link takes teachers to the Moodle distance education courses that are available. Teachers just need to select a course from the drop down menu and complete the registration form for the course. Teachers can take multiple courses at one time. If Create a Course is selected in the main menu, this link takes a teacher right into setting up their first course on Moodle. Online tutorials are available to assist teachers in setting up their own courses on Moodle.

The PRISM team welcomes all K-12 Indiana teachers to fully utilize our online resources. The team is committed to providing a high-quality service, daily support and online training. All of our services and support are free and provided through funding provided by the Lilly Endowment.

## 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: May 4 – May 25

**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: May 5 – May 26

**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: May 6 – May 27

**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: May 4 – May 25

**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: May 4 – May 25

**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: May 4 – May 25

## Resources for Teachers

### Zoom

Zoom is the leader in modern enterprise video communications, with an easy, reliable cloud platform for video and audio conferencing, collaboration, chat, and webinars across mobile devices, desktops, telephones, and room systems. Zoom Rooms is the original software-based conference room solution used around the world in board, conference, huddle, and training rooms, as well as executive offices and classrooms.



Zoom offers a feature called [Breakout rooms](#). Breakout rooms allow you to split your Zoom meeting in up to 50 separate sessions. The meeting host can choose to split the participants of the meeting into these separate sessions automatically or manually, and can switch between sessions at any time.

For more information: <https://zoom.us/>

### Microsoft Teams

Teachers using Microsoft Teams can create a virtual classroom that has online meetings and conversations, as well as, sharing assignments with students. Teachers can communicate with students, answer questions and provide direct help to students remotely through channel and chat conversations. Online meetings can be scheduled to teach a class virtually in a synchronous format delivering classroom lectures, demonstrations and other instructional endeavors. Assignments can be created and made available to students. Guidance and feedback can be given to students on each of the assignments through synchronous or asynchronous environments. Students and teachers can access files as needed. Students are able to collaborate in groups and work together remotely.



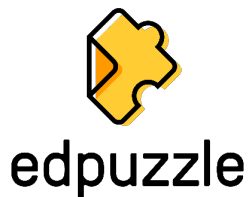
For more information: <https://www.microsoft.com/en-us/microsoft-365/microsoft-teams/remote-learning>

## Resources for Teachers

A Web Whiteboard is an online whiteboard that can be used by K-12 teachers teaching their courses in an online environment. Students can be engaged with real time lessons or saved video lessons. Classroom experiences can be facilitated as a virtual experience. Multiple students can be provided help or tutoring as the same time when doing lessons or problems on a Web White Board.



For more information: <https://awwapp.com/teachers/>



Edpuzzle is an easy-to-use platform that allows teachers to engage all of their students through using videos. Many students are visual learners, many students watch YouTube and other online videos on a regular basis. Online videos can be fantastic educational resources. Edpuzzle enables teachers to tie accountability and active learning to students watching videos. Teachers are able to build lessons around online videos. Progress of students can be track and each student held accountable for not only watching a video but answering questions and other engaging activities embedded in the lesson. Teachers can

check if students are (or have) watched assigned videos, how many times they watch the video and can ascertain if students understood the video through questions. Teachers can also create and use their own video lessons on Edpuzzle.

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

Examgen is a test question bank for K-12 teachers that has math, science, history and social studies content areas available. The test generator allows teachers to generate their own professional quality exams, quizzes and other assessments to use in their courses. Question banks are organized by subject content and aligned with state standards. Creating assessments is relatively fast and easy for all users. Questions are available in desktop and online versions. Teachers' files can be cloud-stored and can be accessed from all their devices.



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

## Resources for Teachers

The Children' Museum of Indianapolis has some fantastic educator resources available online. These resources would be appropriate to integrate into online and at-home learning. standards-based units of study covering all sorts of topics and written by trained educators. Use them on their own or to complement a museum visit. Units include vocabulary, stories, fact sheets, games, experience ideas, printables, and more. And the best part? They're free! Units cover a variety of topics relating to past and present museum exhibits, including:

- Trains and Transportation
- Dinosaurs
- Food and Fitness
- Science
- Flight
- Art
- Archaeology
- Biotechnology
- Racism and Discrimination



These resources are aligned with K-9 Indiana academic standards.

For more information: <https://www.childrensmuseum.org/content/classroom-resources>

Explore the world with National Geographic Kids. National Geographic has a collection of resources including interactive games, videos, lessons about plants and animals with incredible images and unique National Geographic explorations. These are excellent resources to integrate into online learning programs. There are appropriate resources for all grade levels grades K-12. Enliven the learning experiences for students using National Geographic Kids resources.



For more information: <https://kids.nationalgeographic.com/>

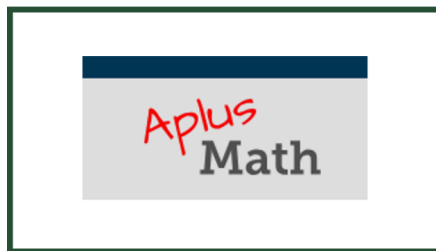
The American Chemical Society has resources available for K-12 teachers that bring chemistry and physical science to life! Resources are available for elementary, middle and high school level and are standards-aligned. Guided instructions, lesson plans, classroom activities, video demonstrations, and activity books are the resources available online to educators. The ACS also has some excellent resources put together on COVID-19 and the Corona Virus. These resources are from key researchers in the epidemiology and biochemistry areas of expertise.



**ACS**  
Chemistry for Life®

For more information: <https://www.acs.org/content/acs/en/education/resources.html>

## Resources for Teachers



Aplus Math has interactive math resources for teachers, parents, and students featuring free math worksheets, math games, math flashcards, and tutorial help for K-12 math students. These resources would be very effectively integrated into teacher eLearning and remote learning programs. Teachers can create worksheets that can be integrated into their online courses, can be printed as pdf's and can be worked online. Flashcards are available and can be created for students to study math content. Aplus Math has some math games that are interactive and apply math skills in alignment with lessons.

For more information: <https://www.varsitytutors.com/aplusmath>

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## What PRISM Can Do For You!

- Easily find the perfect teaching and learning resources from our library of over 5,000.
- Store your classroom materials online so that they are available to you from any computer.
- Select from free learning resources that emphasize visualization, rich context, staged-problem solving, and electronically enabled collaboration / communication.
- Save a list of your favorite resources for quick retrieval.
- Reach your students more effectively by using web media for the digital age.
- 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.
- Create and share lesson plans that teach your subjects utilizing your favorite resources.
- 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.

*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](http://www.rose-prism.org)