

Newsletter**Special Interest Articles**

- PRISM Teacher of the Month

Individual Highlights

- HASTI Conference
- Ball State Planetarium
- Moodle Tutorials

PRISM Teacher of the Month

Gary Sims
Edgewood High School
Ellettsville, IN

Biography

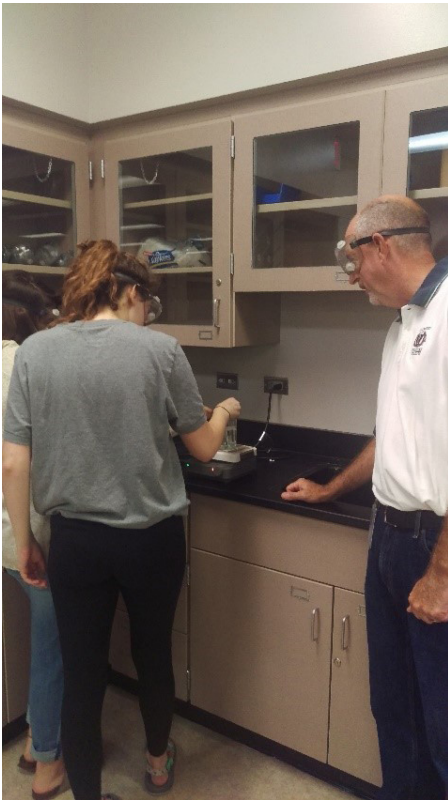
Ten years ago, I was approached and asked if I would be interested in starting a Human Anatomy and Physiology class. The catch was they were not going to provide textbooks (since things were beginning to trend that way). I said yes, found the LMS Moodle, and went to work on assembling my class. It was going well until our server couldn't handle it, often crashing during a quiz or test.

Rose-Hulman PRISM to the rescue! Through PRISM, I can add videos, power point lectures, URL's, and both formative and summative tests. Since I am a linear, ducks-in-a-row kind of guy, Moodle through PRISM has been terrific. Any link I want students to go to I can add into the unit and thus is easily found by the student, therefore wasting no class time.

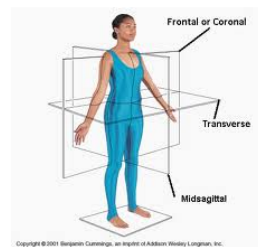
Students can take formative assessments, and both the student and myself get immediate feedback. It tells them things they need to study and, for me, what may need to be retaught. I can also create specific homework, which I call "workbook sets". Students must get ALL questions right in order to get credit. But they can redo it over and over until all answers are correct. I have it set up which question they missed but not the correct answer. This eliminates hurried answers and guess work.

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










PRISM Teacher of the Month



When Moodle grades it, the student's best grade is highlighted in blue so I don't have to hunt to see which attempt was their best. I also find practice quizzes from other sites that I can just attach to the unit, giving students a number of options to review the material. I have found Moodle to be a time saver and allows me to spend more time on instruction and individual help.



This unit is an overview of anatomy : systems of the body and common lai

-  Powerpoint: Introduction and systems
-  Powerpoint Feedback Mechanisms
-  Powerpoint Directional Terms/Body Regions/ Body Cavities
-  Unit 1 Coloring Diagrams
- Hidden from students**
-  Workbook Question Set 1
-  Workbook Question Set 2
-  Workbook Question Set 3
-  Workbook Question Set 4
-  Anatomy Arcade General
-  Organ Systems Quiz 1
-  Organs Systems Quiz 2
-  Organ Systems Quiz 3
-  Organ System Quiz 4
-  Body Systems Real Quiz

Professional Development & Other Opportunities

HASTI 2019 Conference STEM: Science Teachers Engaging Students



HASTI
Hoosier Association of
Science Teachers, Inc.

Start: February 17, 2019

End: February 19, 2019

Location: Wyndham - Indianapolis West

The 48th Annual HASTI Conference, STEM: Science Teachers Engaging Students, will be held February 17-19, 2019 at the Wyndham Indianapolis-West, Indianapolis.

The purpose of HASTI is the advancement, stimulation, extension, improvement and coordination of science education in all fields of science at all educational levels.

HASTI is a clearinghouse and provider of quality professional development for science educators, and serves as a voice for science education across the state. The association also promotes professional communication among science educators.

Click [here](#) for more information.

Professional Development & Other Opportunities

Charles W. Brown Planetarium

Ball State University

Fall 2018 (Aug. - Dec.)

Show Schedule: www.bsu.edu/planetarium

All programs are free and open to the public. The Brown Planetarium staff are excited to share with teachers two new programs just for school groups! They have added “The Moon” which teaches about the moon and the basics of phases. It is great for advanced Pre-K groups to 2nd graders. It’s unique in that it has been designed to be paused in-between sections to allow for live interaction.

The modules teach:

Module 1 - The observable features of the moon.

Module 2 - The apparent daily motion of the moon.

Module 3 - The pattern of change in the moon’s appearance (phases).

For our older learners, they have purchased “Earth, Moon, & Sun.” Students in grades two through five will especially enjoy this look at the Earth-Moon-Sun system, though audiences of all ages can appreciate learning the science behind the myths. This planetarium show explores the relationship between Earth, Moon and Sun with the help of Coyote, an amusing character adapted from Native American oral traditions. Coyote has many misconceptions about our home planet and its most familiar neighbors. His confusion about the universe makes viewers think about how Earth, Moon and Sun work together as a system and learn to distinguish between myths and science. Learn the basics of fusion and solar energy and why the Sun rises and sets. Examine the Moon's orbit, craters, phases and eclipses. A look at past and future space travel to earth’s Moon ... and beyond!

Halloween Celestial Origins

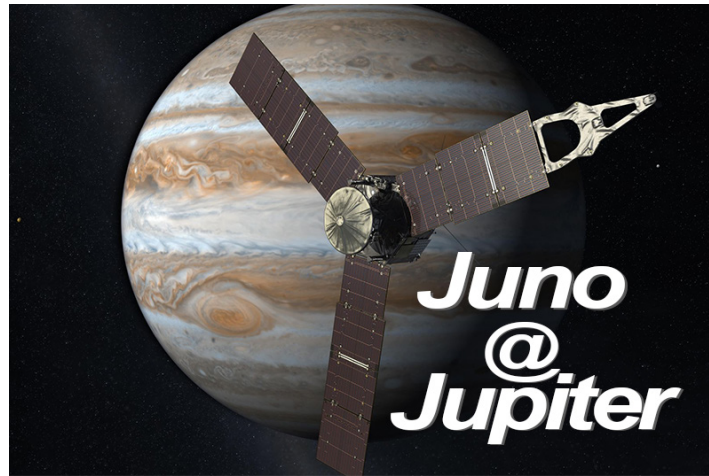
OCTOBER 5, 19, 26 – What do you associate with Halloween? Trick-or-Treating, costumes... astronomy? After all, Halloween is an astronomical holiday! During this program, you will learn the history of Halloween and how it fits into the seasons as a “cross-quarter day.” We will also explore the night sky and learn what planets, constellations, and stars will be out on your Halloween evening. (Suitable for all ages 10+).



Professional Development & Other Opportunities

Juno at Jupiter

NOVEMBER 2, 9, 16 – Join us as we explore what NASA’s Juno spacecraft is telling us about the largest planet in our solar system. Juno’s principal goal is to understand the origin and evolution of Jupiter. Instruments on Juno are revealing swirling clouds, intense aurora and deep weather systems - plus information on the spinning Great Red Spot. Underneath its dense cloud cover, Jupiter safeguards secrets to the fundamental processes and conditions that governed our solar system during its formation. Come learn what we are finding out. (Suitable for all ages 10+).



The Christmas Star

NOVEMBER 30, DECEMBER 7, 14 – Over the years many people have tried to explain the appearance of the Star of Bethlehem, as described in the Bible. Can the star be explained as an exploding star, a comet or some other natural event in the sky? Potential natural explanations for the Star of Bethlehem and common modern-day misconceptions will be discussed. (Suitable for all ages 10+).

To reserve a private showing for your group, visit www.bsu.edu/planetarium. You’ll notice the website has been redone and some older programs have been removed from the show library. If you would like to see something that isn’t listed anymore (like “Cosmic Colors” for instance) please just let the planetarium staff know. As always, please mark any special requests on the online request form and the planetarium staff will work with you to customize your visit.



Moodle Tutorials

PRISM hosts several Moodle tutorials to help you learn how to use the various activities and resources found in the Moodle LMS.

- [Assignment Activity](#)
- [Lesson Activity](#)
- [Linking to Files and Resources](#)
- [Quiz Activity](#)

Visit [here](#) for the full list of tutorials.

The [Moodle Docs](#) website also offers great tutorials and help on how to use all aspects of the Moodle LMS.

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.
- Develop online classrooms with interactive assignments, lessons, quizzes and more!

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