Newsletter

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- Professional Development Opportunities

PRISM Teacher of the Month

Cherish Easton
Biology Teacher
West Vigo High School
West Terre Haute, IN

I have been teaching Biology for 18 years. I began teaching at Plainfield High School, got married and moved to Franklin Indiana where I taught middle school for 2 years. We moved back to our hometown of Terre Haute after we had twin girls. I was able to teach at Terre Haute South High School for 2 years prior to moving to the position at my alma mater, West Vigo High School. I have been very involved in the school from teacher to coach to assistant athletic director.

I have always tried to integrate technology into the classroom, but that hasn't always been easy with the lack of equipment. Over the past 5 years, I have been working to set up an LMS through PRISM for my classes, quite frankly because I do not enjoy grading papers and do not have time. I now have a classroom set of laptops that we use daily. When I first began, I took baby steps with quizzes and assignments. I did not go through the training modules and learned through trial and error (and of course asking a lot of questions to the PRISM staff). Each year I have been able to edit, modify and reuse the resources I have put online.

PRISM Teacher of the Month

Today, I have built over 15 class platforms. I have my classes setup so that I can make groups for Special Ed students with IEP's and give them their accommodations (extra time, less options, etc). I have made quizzes and uploaded exams for each chapter. The only thing I have to grade is the free responses and it is very fast on a computer. I have uploaded PowerPoints, Notes, Video Clips, Practice Exams and questions and Virtual labs for the students to have access to anytime they need extra help. They have a calendar of assignments so they know what is coming up and can stay up with the class if they are absent.

 I love that the Moodle platform allows me to weight my grades and separate categories for the trimester. Although it has been a lot of work on the front end, each year there is less grading that allows me to spend more time on lab prep and finding new resources and activities for the students. I can write feedback for overall grades and assignment or for specific questions. I can post to the News Forum if I need to let students know something in advance. Students also get to do things like Wiki pages or Forums which will help prepare them for the next level. Students love the immediate feedback of their assignment grades and that they are able to review old exams or assignments any time.

Parents can also access their child's grades. I love the statistics and data that are provided for each assessment so I am able to calculate areas that I need to reteach. I am thankful that I was introduced to PRISM for many reasons!

2019 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: June 23 - June 28, 2019

From June 23 – June 28, 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	Duke Energy Cayuga Power Plant, Cayuga, IN
Energy Conservation	MISO Headquarters, Carmel, IN
Solar Energy	IND Solar Farm, Indianapolis Intl. Airport
Wind Energy	Benton County Wind Energy Farms
Coal-fired Power Plants	NIPSCO Power Plant, West Terre Haute, IN
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 2019**.

Apps for the Classroom

Photomath is the #1 app for math learning; it can read and solve problems ranging from basic arithmetic to calculus instantly by using the camera on a mobile device. With Photomath, one can learn how to approach math problems through animated steps and detailed instructions or check homework for any printed or handwritten problem.

Whether a student is struggling to get this week's math homework done, simply wanting to improve understanding, or is looking to ace an upcoming test, start he/she can start the journey with Photomath, the pocket tutor that's trusted and used by millions every day.

Photomath is for parents. Parents can become experts on math problems they have never done before or it has been a long time.
Photomath can help review math concepts and fend off math anxiety that can take a big bite out of students' performance. Photomath can be used constructively to improve math performance.
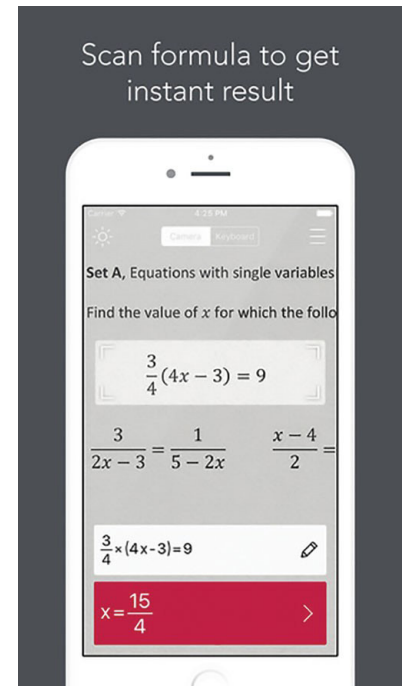
Photomath is for teachers - Teachers can effectively amplify their math teaching. Photomath has improved student performance in a wide range of classrooms and schools worldwide. Implementing Photomath can elevate teaching and accelerate student learning inside the classroom and at home.

Photomath provides:

- Instant help
- Smart camera calculator
- Handwriting recognition
- Step-by-step explanation
- Animated instructions
- Multiple explanation methods
- Beautiful graphs

Photomath supports arithmetic, integers, fractions, decimal numbers, roots, algebraic expressions, linear equations/inequalities, quadratic equations/inequalities, absolute equations/inequalities, systems of equations, logarithms, trigonometry, exponential and logarithmic functions, derivatives and integrals, graphs and many more.

For more information: https://photomath.net/en/

Apps for the Classroom

ShowMe

ShowMe is a global learning community - a place where anyone can learn or teach anything. The mission at ShowMe is to connect great teachers and experts to students across the world.
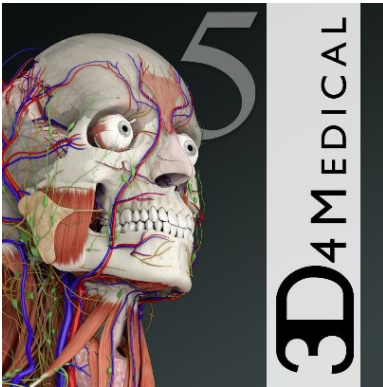
The ShowMe iPad app allows a teacher to create lessons using a whiteboard. The app is free and there is no limit what you can teach! The ShowMe community has created millions of ShowMes, from chemistry to history to football strategy - and more knowledge is being shared everyday.

Useful tutorials and quality examples of ShowMe uses from fellow community members can be found here:
Tutorials and other examples

Essential Anatomy 5

The most detailed 3D anatomy at your fingertips. Each of the over 4,100 highly detailed anatomical structures contain an audio pronunciation in English and in Latin nomenclature. Detailed descriptions are provided for each structure. The new anatomical models are designed and built to allow for more detail and exceptional performance.

Essential Anatomy 5 contains 11 complete systems which can be accessed from the main screen. These include; muscular, skeletal, connective tissue, venous, arterial (including the heart), nervous (including the brain), respiratory, digestive, lymphatic, urogenital, and skin. A "layering tool" is used to strip away multiple layers to visualize into the body.
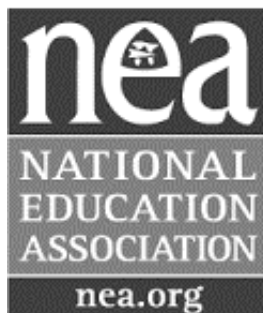
Explore and compare differences between male and female anatomy. Completely distinct models allow for even greater detail on gender-specific structures and models can be easily switched with just the tap of a button.

Test your knowledge with unique quiz functionality. Choose between drag & drop and multiple choice and test yourself on any system within the app. You can even refine the quiz on the basis of regional anatomy.

To learn more: https://3d4medical.com/apps/essential-anatomy-5

MYNEA360 EDCOMMUNITIES

MyNEA360 edCommunities is the place online where educators, school support professionals and community members join forces to improve student success. This is a teacher's online education community to get inspired and inspire others. Share strengths, exchange ideas and resources, find creative innovative materials and tools, join webinars and engage with others who share the commitment to our public schools and a student-centered education agenda.

- Connect with colleagues and educators across the country.
- Collaborate with school and community stakeholders.
- Join groups on specific education topics and interests - or start your own!
- Share and access free, high-quality curricula and resources to create customized learning tools.
- Expand your professional opportunities with virtual learning events.
- Improve student learning

Get all your questions answered at MyNEA360.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

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