

Newsletter

Special Interest Articles

- Open Educational Resources

Individual Highlights

- Presidential Awards
- Content-Specific Global Learning
- Professional Development Opportunities

Open Educational Resources (OER)



Open Educational Resources (OER) are teaching and learning materials that you may freely use and reuse at no cost, and without needing to ask permission. Unlike copyrighted resources, OER have been authored, created by an individual or an organization, that chooses to retain few, if any, ownership rights.

In some cases, that means you can download a resource and share it with colleagues and students. In other cases, you may be able to download a resource, edit it in some way, and then re-post it as a remixed work. How do you know your options? OER often have a Creative Commons license or other permission to let you know how the material may be used, reused, adapted, and shared.

From a single point of access in OER Commons, you can search, browse, and evaluate resources in OER Commons' growing collection of over 50,000 high-quality OER. Here are some curated collections to start exploring:

- **Full University courses**
- **Interactive mini-lessons and simulations**
- **Adaptations of existing open work**
- **Open Textbooks**
- **K-12 Lesson Plans, worksheets, and activities**

The Movement

The worldwide OER movement is rooted in the human right to access high-quality education. This shift in educational practice is not just about cost savings and easy access to openly licensed content; it's about participation and co-creation. Open Educational Resources (OER) offer opportunities for systemic change in teaching and learning content through engaging educators in new participatory processes and effective technologies for engaging with learning.

Continued on Page 2...

Open Educational Resources (OER)

continued...

Open Education Practice

The move to open education practice (OEP) is more than a shift in content, it is an immersive experience in collaborative teaching and learning. OEP leverages open education resources (OER) to expand the role of educators, allowing teachers to become curators, curriculum designers, and content creators. In sharing teaching tools and strategies, educators network their strengths and improve the quality of education for their students.

With an open practice, educators are able to adjust their content, pedagogies, and approach based on their learners, without the limitations of “all rights reserved”.

ISKME and OER Commons

ISKME's OER initiatives aim to grow a sustainable culture of sharing and continuous improvement among educators at all levels. In 2007, ISKME launched OER Commons, its digital public library and collaboration platform, informed by the organization's pioneering efforts in knowledge management and educational innovation. OER Commons offers a comprehensive infrastructure for curriculum experts and instructors at all levels to identify high-quality OER and collaborate around their adaptation, evaluation, and use to address the needs of teachers and learners. Diving into OER Commons is an exciting opportunity to collaborate with other educators and learners, at the forefront of a new educational era.

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

Presidential Awards for Excellence in Mathematics and Science Teaching K-6 Grade



The Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST) are the nation's highest honors for teachers of mathematics and science (including computer science). Awardees serve as models for their colleagues, inspiration to their communities, and leaders in the improvement of mathematics and science education.

Since 1983, more than 4,700 teachers have been recognized for their contributions in the classroom and to their profession. If you know great teachers, nominate them to join this prestigious network of professionals.

Nominations for mathematics and science teachers of grades **K-6** will open in Fall of 2017.

Applications for mathematics and science teachers of grades **K-6** will open in Fall of 2017.

Nominations for **7-12** mathematics and science teachers occurred in April/May 2017.

When nominations and applications open, we can let you know! Contact us at info@paemst.org.

The Journey of Content-Specific Global Learning

Guidance for Embedding Global Learning into all Content Areas



The Purpose of the Journey Every educator should consider how much the world beyond the classroom, neighborhood, state and country impacts each student. Each of their future endeavors will involve a touch with a perspective different from his or her own. Educators can help prepare students to be successful with those experiences. Fostering lifelong learning and globally conscious students can happen when the educators infuse global ideas into their classroom. From decorating with travel mementos to inviting in guest speakers with diverse backgrounds to utilizing internationalized content, every teacher can have an impact.

Five Reasons Why Global Learning is Important in all Content Areas:

1. In a globally focused curriculum, students learn that the world needs them to act, and that they can make a difference.
2. A new generation of students requires different skills from the generation that came before. The ability to thrive in this new and rapidly changing environment is grounded in a globally focused curriculum.
3. A changing world and global workforce; a company in one country may employ, export or import with a company in another country.
4. The culture that once lived halfway around the world now lives just down the street. Changing demographics in classrooms and neighborhoods
5. A globally focused curriculum engages students in their own learning and motivates them to strive for knowledge and understanding. It creates lifelong learners. Global Learning challenges students to investigate the world, consider a variety of perspectives, communicate ideas, and take meaningful action.

In order to develop high-quality global learning opportunities, educators need to know what global competence entails. Every young person should be able to:

- Investigate their world, including their immediate environment and beyond.
- Recognize their own and others' perspectives.
- Communicate and collaborate with diverse audiences.
- Translate their ideas and findings into appropriate actions to improve conditions.

Behind the Wheel and Helping to Plan the Journey: Every teacher of every content can help any and all students become more globally competent. Enabling students to become more globally minded is not reinventing the curriculum or adding additional standards to instruction. Infusing global learning into student learning is simply reframing how one teaches by using a different lens. Below are content-specific resources to help teachers start.

Packing Your Bags for the Journey: Use these two Symbaloo webmixes to get started with a bundle of resources curated with many resources. The first is designed to give you a series of resources specific to global learning. The second is focused on teacher and student exchange where you will find links to scholarships, fellowships and opportunities for students and teachers to travel. You can sign up for a free account to have the links with you wherever there is internet, you can find them on our website or by clicking below.

[Global Learning Webmix](#)

[Teacher & Student Exchange Webmix](#)

Contact: Jill Woerner; jwoerner@doe.in.gov.

Professional Development Opportunities



Annual Conference

HASTI's Annual Conference convenes in Indianapolis each year in early February. With over 200 sessions spanning three days and an Exhibit Hall featuring leaders in the STEM industry, the HASTI conference is the premier professional development and networking opportunity for science teachers in Indiana. Click on topics listed below to find out about the next HASTI Conference, and to view information about past conferences.

SAVE THE DATE!

2018 HASTI Conference
February 14-16, 2018
Wyndham Indianapolis West
2544 Executive Dr.
Indianapolis, IN 46241

The 2018 HASTI Conference is moving back to its original location! The Conference was once held at the Adams Mark hotel near the airport before it moved to the Convention Center in the 1990s. In order to make the best use of space and funds, HASTI is going back to the same location - now the Wyndham Indianapolis West!

The location is smaller, but it offers some features that will reduce the cost of attending, and give us more opportunities to network and get to know each other!

Watch this page for news about the call for proposals, registration and more!

Great Features for the 2018 HASTI Conference

FREE Parking!!
FREE WiFi!!
Thursday Evening Social Events!
Luncheon served with keynote addresses!

For more information: <http://www.hasti.org/conference>

Environmental Education Association of Indiana
Waycross Conference Center
October 13-15, 2017



Has teaching sapped your energy? Do the budding sprouts in your care stare at you with wooden expressions, while you are “board” out of your mind? Sycamore of the same old, same old? Pining to get away?

Tap into the energy of the Environmental Education Association of Indiana (EEAI)! Rooted in the Environmental Literacy Plan, what transpires at the 2017 conference will help you branch out. Seek the light and discover your preconceptions falling away as we revisit ever-green topics and nurture new ideas. Don’t bark up the wrong tree - plant the seed, and mark your calendar now as we graft a forest of activities for you to transplant to your own plot. It’s simple, arbor no doubts – blossom with us in 2017! Yew’d be nuts not to.

Check out <http://www.eeai.org/2017-Conference> for more info!

What PRISM Can Do For You!

- Easily find the perfect teaching and learning resources from our library of over 4,000.
- 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