Lilly Teacher Creativity Fellowship Program

Lilly Endowment Inc., an Indianapolis-based private philanthropic foundation, is pleased to announce its successful Teacher Creativity Fellowship Program for 2013. For 2013 the Endowment will offer up to 100 grants of $10,000 each to Indiana’s public and private school teachers (including guidance counselors and library/media specialists), principals and assistant principals for projects of the individual’s choice.

Proposals must be postmarked by November 2, 2012.
Recipients will be notified by February 22, 2013.
www.teachercreativity.org

Indiana’s Common Core - Mathematics

Each Monday, a short article or video will be posted to this site to support the implementation of INCC for Mathematics.

August 27, 2012: Partnership for Assessment of readiness for College and Careers (PARCC) has released math sample items for public review. Visit the PARCC website to provide valuable teacher feedback on these assessment items similar to those that may appear on the proposed 2014-15 assessments.
September 10, 2012: PARCC has released the final version of the Model Content Frameworks which includes grades 3-11. The PARCC Frameworks outline the major, supporting, and additional content for each math course. The Frameworks can be used by teachers to align course content that will prepare students for the anticipated PARCC assessments.
September 17, 2012: “50 Important Links for Common Core Educators” is a one stop shopping experience for teachers, students and parents seeking information and resource relates to common core.
September 24, 2012: The National PTA’s “Parents Guide to Student Success” offers grade level documents for parents to know and understand both the INCC Literacy and Mathematics expectations. Parents are given sample math problems that their child should be able to do at the end of each grade level, questions to ask the teacher, and additional resources if their child is struggling with the INCC content.
October 1, 2012: Illustrative Mathematics provides rich tasks for each common core standard in grades K-12. As Indiana schools transition to INCC, embedding these tasks into your current curriculum will allow students to experience not only the content standards but also the Standards for Mathematical Practice.
October 8, 2012: The K-8 Publisher Criteria for the Common Core Standards for Mathematics was released by the Illustrative Mathematics Project. This document is designed to provide support for schools as they evaluate instructional materials around the Common Core Standards for Mathematics.
October 15, 2012: PARCC provides a quarterly newsletter to inform educators about the common core standards and anticipated PARCC assessments. Join the newsletter distribution today to receive up to date information on standards and assessment.
October 22, 2012: The Kansas Association of Teachers of Mathematics has developed grade level ‘Flip Books’ for K-12 math teachers. These resources provide a detailed description of each common core standard as well as examples and curricular links.

Visit the IDOE website for links to these resources.

www.doe.in.gov/achievement/curriculum/indianas-common-core-mathematics
Hunt Institute Videos on the Common Core

This YouTube channel features over 30 videos about the Common Core.

The James B. Hunt, Jr. Institute for Educational Leadership and Policy is a strategic catalyst for transforming public education and securing our country’s future. Using our depth and breadth of knowledge, we bring together the right people and resources to facilitate critical dialogue and mobilize action on the issues that matter in education.

Achieve the Core

The Common Core State Standards are a new set of expectations designed to ensure all students achieve college and career readiness. Forty-six states have now adopted these shared standards so their students can compete and succeed on a world stage. This site is here to provide free, high-quality resources to educators now doing the hard work of implementing these higher standards.

Twitter - @Hunt_Institute

PARCC

The Partnership for Assessment of Readiness for College and Careers (PARCC) is a consortium of 23 states plus the U.S. Virgin Islands working together to develop a common set of K-12 assessments in English and math anchored in what it takes to be ready for college and careers. These new K-12 assessments will build a pathway to college and career readiness by the end of high school, mark students’ progress toward this goal from 3rd grade up, and provide teachers with timely information to inform instruction and provide student support. The PARCC assessments will be ready for states to administer during the 2014-15 school year.

Twitter - @PARCCPlace

Progressions Documents CC Math Standards

Visit the website to download these documents.
Draft K–6 Progression on Geometry
Draft K–5 Progression on Measurement and Data (measurement part)
Draft K–5 progression on Measurement and Data (data part)
Draft K–5 Progression on Number and Operations in Base Ten
Draft K–5 Progression on Counting and Cardinality and Operations and Algebraic Thinking
Draft 3–5 progression on Number and Operations—Fractions
Draft 6–8 Progression on Statistics and Probability
Draft 6–8 Progression on Expressions and Equations
Draft 6–7 Progression on Ratios and Proportional Relationships
Draft High School Progression on Statistics and Probability
Purdue Zip Trips

A Purdue zipTrip is an electronic field trip. That’s right. Electronic!

It’s a Gene Thing (Grade 8 program)

Live show:

Thursday, February 21, 2013
10:00 a.m. EST/9:00 a.m. CST

Why do humans and animals look and act the way they do? It’s all about DNA! In this zipTrip, learn how Purdue scientists are studying the building blocks of life.

Program includes:

- Live show (45 minutes)
- Supporting classroom materials
  - teacher’s guide
  - short videos featuring Purdue scientists discussing scientific inquiry and their work

Earth Gauge Kids

Earth Gauge Kids makes the connection between weather and the environment.

Weather is part of the environment and influences it in many ways.

Here are some examples:

- Birds migrating south before winter begins
- Wildfires burning during dry weather and drought
- Water cycling from the ocean to the air to the ground

You can explore nature, protect the environment and keep yourself and your family safe. Every month, you’ll see a new theme with a new quiz and activities to try at home or school.

World of 7 Billion Resources and Contest

People are central to many of the environmental and social issues facing the world today. How many of us there are. How we behave and treat one another. How we value our planet. Our numbers and our lifestyles go hand-in-hand in determining the kind of future we will leave behind for future generations.

The World of 7 Billion campaign is an educational resource for both students and teachers. The United Nations announced October 31, 2011 as the “Day of 7 Billion.” Now that we’ve reached the immense milestone of 7 billion people, it is important to understand how we got here, analyze the impact of our choices, and realize that our decisions can and will impact the future.

Students: create a video PSA and enter it in our nationwide contest for your chance to win cash prizes! Teachers: download and use one of our free lesson plans or take a look at the poster ‘A Quick Trip to 7 Billion.’ Though we are all just one person in 7 billion, each of us can make a difference.

Indiana Science Olympiad

Welcome to the Indiana Science Olympiad website. Here you can find information on upcoming events in which to participate, as well as information on how to join. We hope to have available very soon resources to help you prepare for upcoming competitions!

State Tournament Location & Date:
Indiana University Bloomington - Saturday, March 16, 2013.
Practical PBL Series: Design an Instructional Unit in Seven Phases

You can transform your classroom. While there are many approaches to project-based learning, we have had the most success with the model our team developed -- a model called “The Seven Phases of a Project Cycle.” Each and every one of our instructional units is designed using these seven phases.

To begin, ask yourself these questions:

- What instructional unit do I want to transform?
- What engaging, relevant, real-world problem could students attempt to solve that is related to the concepts and skills in the unit?
- What authentic roles can students take on to try solving this problem?
- How might students be asked to work collaboratively to try solving this problem?

Details about the phases and links to other PBL teacher resources on the website.

12 Valuable Wordle Tips You Must Read...

Welcome to a series of posts devoted to the use of Word Clouds. I know you will find new information... whether you are a seasoned user of word clouds, or brand new. I enjoy working with teachers and helping them use word clouds in their lessons because they are a great way to get any teacher started with integrating technology.

In this series of posts I will cover:

- 12 Tips in Using Wordle (Some you may now... but other you may not.)
- Over 100 ways to use Word Clouds in the classroom
- There is more to Word Clouds then Wordle...

Beyond word clouds... cool sites and applications to integrate word clouds

Great Blog written by an Indiana Educator

Michael Gorman

Twitter - @mjgormans

9 Creative Storytelling Tools

For many students, writing a novel summary is not exactly a glamorous assignment. But writing a novel summary using a timeline-based storytelling platform with embedded original content, hyperlinks, videos, and pictures might just make developing re-cap of A Christmas Carol interesting, argues Lake Geneva Middle School language arts teacher Rob Granger.

In lieu of standard re-caps, Granger asks his students to create Meographs, four-dimensional narratives that contextualize stories using maps to provide time and place references to original content. A part of the growing BYOD initiative in schools, Meograph is just one of the hundreds of apps designed to reshape storytelling.

T.H.E. Journal asked eduTecher founder and FETC speaker Adam Bellow and Donna Criswell, an instructional integration specialist at the Sudbury (MA) Public School District, for the most creative storytelling apps available, and we did a little digging on our own, too. The results, listed below, turn students into novelists, artists, and moviemakers, with each tool bringing its own powerful mechanism for transforming the traditional narrative--both inside and outside the classroom.

According to Bellow, students can share these stories with, at the very least, their peers, but also with friends and family and on social networks...
Primary Resources - Real World Problems

This site has hundreds of free resources!

Worksheets, lesson plans and teaching ideas for primary teachers.

Maths Teaching Topics Covered:
• General Resources
• Numbers and the Number System
• Calculations

Lot’s of great resources available for other curriculum areas as well.

Teaching with Dry Erase Boards

When it comes to active engagement, nothing beats a white board. Not the expensive, high-tech kind – I’m referring to the low-tech white boards that students write on with dry erase markers.

7 Reasons to Use Dry Erase Boards

1. You can use them to engage every child in every single lesson.
2. Minute by minute, you’ll know exactly who’s grasping the concepts and who’s not.
3. Students love them because they’re fun. Mistakes made during guided practice can be easily brushed away.
4. Using dry erase boards will save paper and significantly reduce the stack of work you take home to grade.
5. Dry erase boards can be used in whole group instruction, small guided groups, and learning centers.
6. No need to worry about technology failing when you need it most.
7. No learning curve or advanced prep! Just pass out the dry erase boards and let the learning begin!

Read all three parts of this series By: Laura Candler, TeachHUB Blogger.

Dinosaurs Explained

In the video series, “Dinosaurs Explained,” Museum paleontologists Mark Norell, Michael Novacek and Lowell Dingus answer the most frequently asked questions about dinosaurs.

Ever since the first dinosaur fossil was identified almost 200 years ago, people have wondered how these fascinating animals lived, moved and behaved. Equally as captivating as the bones themselves are the methods paleontologists use to find, collect and study dinosaurs.

In the playlist, start with the first question and play each video consecutively for a mini-course in dinosaur fossils. Twitter - @AMNH

Young Children Think Like Scientists

Scientists analyze statistical patterns in data, they do experiments, and they learn from other scientists.

Growing research indicates that young children learn about the world around them in similar ways, writes Alison Gopnick, who studies childhood learning and development at the University of California at Berkeley.

Twitter - @LiveScience
Professional Opportunities

NCTM Chicago
Early-Bird Registration ends October 26. Don’t miss this opportunity to save up to $80 off on-site rates. Register today! Join us in Chicago and immerse yourself in the latest topics in math education. NCTM’s Regional Conference has the professional development opportunities you need to help your students succeed. By attending you and your colleagues will:

- Get the latest on ELL and differentiation
- Discover new and effective instructional strategies
- Learn practices central to teaching the Common Core State Standards
- Refine your assessment techniques
- And more!

Whether you’re a classroom teacher, coach, administrator, preservice teacher, or math specialist, this conference has something for you. [www.nctm.org/chicago/](http://www.nctm.org/chicago/)

42nd Annual HASTI Conference Professional Development for Indiana Science Teachers
“The Joy of Science” February 6-8, 2013, INDIANA CONVENTION CENTER, INDIANAPOLIS, INDIANA
We look forward to seeing you in 2013! Registration will be available in late fall 2012. Conference related questions should be directed to: Laura Jackson lauraj@cmcglobal.com, 317-635-4755
[www.hasti.org/HASTIconference.html](http://www.hasti.org/HASTIconference.html)

The Indiana Native Plant and Wildflower Society Nov 3 Conference
Please note that this year’s conference will focus on botany and plant identification. We will be offering professional growth points to educators attending the conference.
[www.inpaws.org/ac2012%E2%80%94its-all-about-the-plants/](http://www.inpaws.org/ac2012%E2%80%94its-all-about-the-plants/)

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