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Basic Moodle for Teachers 2012 Summer Session II

The PRISM team will be offering a free, five-week distance education course on using the Moodle Learning Management System. This class will be a totally online introduction for beginners on using Moodle.

One section of the class will be offered, meeting for a weekly two-hour session for five consecutive weeks:

Tuesdays, 2:30 - 4:30 P.M. (EDT), July 10 - August 07, 2012

Ten (10) PGP points can be earned for completion of this course (Indiana participants only). You must be a member of PRISM (free) to register for this course. Online instructions are available for Creating an Account on PRISM.

Intermediate Moodle for Teachers 2012 Summer Session II

The PRISM team will be offering a free, five-week distance education course on using the Moodle Learning Management System. This class will be a totally online class intended to develop a stronger understanding of some of the richer features in Moodle.

One section of the class will be offered, each meeting for a weekly two-hour session for five consecutive weeks:

Thursdays, 2:30 - 4:30 P.M. (EDT), July 12 - August 09, 2012

Ten (10) PGP points can be earned for completion of this course. You must be a member of PRISM (free) to register for this course. Basic Moodle for Teachers course alumni are preferred.

PRISM Lesson Plans 2012 Summer Session II

The PRISM team will be offering a free, four-week distance education course on using the PRISM Lesson Plan Module. This class will be a fast-paced, totally online introduction to the PRISM developed lesson plan builder.

One section of the class will be offered, meeting once per week for one-hour sessions on four consecutive weeks:

Wednesdays, 3:00 - 4:00 P.M. (EDT), July 11 - August 01, 2012

Four (4) PGP points can be earned for completion of this course (Indiana participants only). You must be a member of PRISM (free) to register for this course. Online instructions are available for Creating an Account on PRISM.

Science Niblets

The Science Behind Everyday Topics

www.science-niblets.org/

Science Niblets

We like science. Thus, we have created this popular science online magazine to describe and explain scientific topics that confront us in our everyday life. These topics can be about natural phenomena, physics of sports, biology and life science, or the physics behind standard devices or common technologies. Additionally, we present and review popular science books.

We address the general public in our sci-

ence articles. Thus, our articles are short and explanations are easy to understand. We use a simple language to explain the science behind everyday topics so that it is fun to read. The texts are suitable for all age groups and also for non native English speakers and ESL classes.

We also included a section in which readers can post questions. These posts inspire future articles.



www.x-raytechnicianschools.org/100-coolest-science-experiments-on-youtube/

100 Coolest Science Experiments on YouTube

Although YouTube has something of a reputation as a repository for the inane mental diarrhea of stunted man-children injuring each other for cheap laughs or shrill teenage drama queens shrieking like harpies over the latest bland, interchangeable lump passing as the epitome of masculine beauty, many others thankfully take advantage

of its services as a portal to share their knowledge and educate viewers.

While few of the scientific offerings formally follow the scientific method or test an explicitly stated hypothesis, even those videos veering more towards demonstrating various principles, theories, and laws still offer visitors a chance to learn something about how

the world around them operates. By this point, it should go without saying that many of the following videos contain procedures that may be dangerous to perform at home or without the proper equipment and/or training. Please do not duplicate any of these experiments unless assured that they are entirely safe for amateurs.

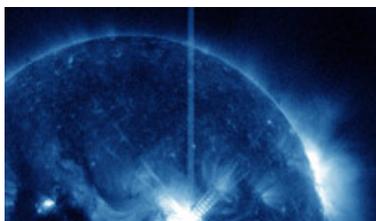


www.youtube.com/playlist?list=PL772556F1EFC4D01C&feature=plcp

Veritasium - Misconceptions about Science

Misconceptions about science are common. Sometimes these alternative ideas make a lot of sense, which is why it's so hard to change our ideas about the natural world. Enjoy this collection of videos from Derek Muller. With a PhD in Physics Education Research at the University of Sydney, Derek is the perfect teacher when it comes to making physics fun.

Twitter - @veritasium



www.pbs.org/wgbh/nova/labs/

NOVA Labs

NOVA Labs: a new digital platform—distinct from the regular NOVA website—for “citizen scientists” who want to actively participate in scientific work. This first Lab is about the Sun. But over time, individual Labs covering a wide range of topics will challenge users to learn about science by actually doing it, to think like scientists and sometimes even contribute to real-world investigations.

Each Lab will be unique, and focus on a different area of active research. Most will ask users to analyze data, some to gather it, others to play a scientific game. One way or another, every Lab will create opportunities for people to handle real data or images, collaborate with peers, and become more familiar with scientists and engineers working in the field.

Twitter - @PBS



map.mathshell.org/materials/index.php

Mathematics Assessment Program

The Mathematics Assessment Program (MAP) aims to bring to life the Common Core State Standards (CCSSM) in a way that will help teachers and their students turn their aspirations for achieving them into classroom realities. MAP is a collaboration between the University of California, Berkeley and the Shell Center team at the University of Nottingham, with support from the Bill & Melinda Gates Foundation. The team works with the Silicon Valley Mathematics Initiative and school systems across the US and UK to develop improved assessment. The materials from this project will exemplify CCSSM in explicit down-to-earth performance terms.

- Classroom Challenges: lessons for formative assessment, some focused on developing math concepts, others on non-routine problem solving.
- Professional Development Modules: to help teachers with the new pedagogical challenges that formative assessment presents.
- Summative Assessment Task Collection: to illustrate the range of performance goals required by CCSSM.
- Prototype Summative Tests: designed to help teachers and students monitor their progress, these tests provide a model for examinations that may replace or complement current US tests.



Curriki

Curriki originated from the idea that technology can play a crucial role in breaking down the barriers of the Education Divide – the gap between those who have access to high-quality education and those who do not. Curriki helps bridge this divide by providing free and open resources to teachers who need them most.

A non-profit organization, Curriki is the leading K-12 global community for teachers, students and parents to create, share, and find open learning resources that improve teacher effectiveness and student outcomes.

As a global community, Curriki encourages collaboration of diverse experi-

ences from around the world to develop “best of breed” learning resources (peer-reviewed and classroom tested) and to create a culture of continuous improvement. Curriki attracts more than 2 million unique visitors per year.

Twitter - @Curriki



www.doityourhead.com/

DoItInYourHead

Have you ever reached for a calculator when:

- Figuring out tips and splits on a dinner bill
- Doing “back of the napkin” calculation for a new business
- Converting currencies

If so, this is the Web site for you. Math is full of simple tricks that, once mastered, allows you to do seemingly complex math without reaching for an adding machine.



www.onlinemathlearning.com/

Online Math Learning

For parents, teachers and educators, there are loads of materials here for teaching and learning online. Find interesting and fun stuff to help your kids, students and children to enjoy, appreciate and learn numbers, counting, arithmetic, fractions, computation, geometry, statistics, set theory, trigonometry and even algebra and matrices! Check out our Interactive Zone for dynamic online worksheets, exercises and other simulations.

Facebook - onlinemathlearning



appitic.com/

APPitic

APPitic is a directory of apps for education by Apple Distinguished Educators (ADEs) to help you transform teaching and learning. These apps have been tested in a variety of different grade levels, instructional strategies and classroom settings.

A collection of 1,800 plus apps for education!

The Apple Distinguished Educators (ADE)

program was created to recognize K-12 and higher education pioneers who are using a variety of Apple products to transform teaching and learning. Today it has grown into a worldwide community of visionary educators and innovative leaders who are doing amazing things with technology in and out of the classroom. That includes working together — and with Apple — to help bring the freshest, most innovative ideas to students everywhere.

TWURDY BETA
twurdy.com/

Twurdy

The name “Twurdy” comes from a play on words with the question “Too Wordy?”. Twurdy’s goal is to provide web searchers with information that is most appropriate for them. This will mean that 10 year olds doing school assignments don’t have to click through difficult material to find something they can use. It will also mean that phd students do not have to click through websites designed for kids in order to find what they are looking for.



www.onlinecolleges.net/2012/06/25/181-google-tricks-that-will-save-you-time-in-school-updated/

181 Google Tricks That Will Save You Time

Back in 2009, we published 100+ Google Tricks That Will Save You Time in School. But in nearly three years, Google has developed new products, discontinued a few, and

offered new features, and more people have found great ways to save time with Google. So we’ve gone and found even more great tips for saving time with Google, and this time

around, the list has made it all the way to 181 different tricks. Explore our collection of tricks to find new, faster ways to search, read email, manage your time, and more.



www.iconfinder.com/

Icon Finder

Iconfinder provides high quality icons in an easy and efficient way. The site launched in 2007 as the first search engine focused on icons.

Twitter - @iconfinder



edudemic.com/2012/06/25-great-educators-to-follow-on-pinterest/

25 Great Educators to Follow on Pinterest

Pinterest is such an exciting medium for collecting educational resources. It’s a great place for academics to share some of the best finds, resources, and learning opportunities in a visual format that’s appealing to students and researchers alike.

We’ve found 25 academics that are doing just that, sharing their very own collections of educational and interesting pins. We encourage you to see how they’re using the site, plus check out the amazing finds they’ve collected.

Twitter - @Edudemic



exchange.smarttech.com/index.html#tab=0

Smart Board Lessons

Find lessons to use with your Smart Board and connect with teachers from around the world using this site!

This site has lessons for all grade levels and subjects.

Subject areas include the following -

Art and Design, Citizenship, Cross-curricular, English as a Second Language, English Language Arts, Geography, Health and Physical Education, History, ICT, Library and Informational Science, Mathematics, Modern Foreign Languages, Music, Other, Religion, Science, Social Studies, Special Education



www.k-5mathteachingresources.com/

K-5 Math Teaching Resources

This site provides an extensive collection of free resources, math games, and hands-on math activities aligned with the Common Core State Standards for Mathematics. Our math printables

are suitable for use in math centers, small group or whole class settings. Instructions for each activity are presented in large print on a task card in child-friendly language to enable students to work

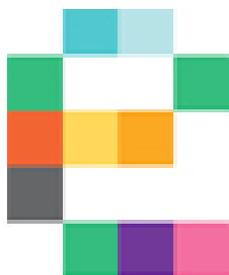
on tasks independently after a brief introduction to the task.

nanoZONE

nanozone.org/

nanoZONE

The Lawrence Hall of Science at the University of California provides young students with a really fun and easy to understand overview of nanotechnology. Students learn what it is, how small it is, who works on it and why it is important to our future. Good mix of hands-on activities, games and videos!



**e-learning
for kids**

e-learningforkids.org/

e-learning for kids

In today's complex world, children's futures are determined by their ability to master the basics of reading, science, math and computers. Yet costs, class sizes and other issues often prevent children access to quality online learning that can support and reinforce these essential skills.

Our vision is to be the source for childhood learning on the Internet – available from anywhere and without charge. Established in late 2004, e-Learning for Kids is a global, nonprofit foundation dedicated to fun and free learning on the Internet for children ages 5 - 12. We offer free, best-in-class courseware in math, science, reading and keyboarding; and we're building a community for parents and educators to share innovations and insights in childhood education.

E-learning for Kids isn't only for kids, though; it's also a site where:

- Parents get more engaged in their kids' education.
- Educators and experts champion e-learning and contribute their knowledge on how kids can learn better.
- Commercial education and game developers contribute to the next generation.
- Corporations and associations channel their social responsibility efforts.
- People with a passion for childhood education make a difference.

Summer Series Educator Workshops - Evansville

A series of educator workshops is being offered this summer for any adult that wishes to increase their knowledge of the natural sciences and/or learn new skills and techniques to achieve life science standards and enhanced learning in the classroom. Workshops will introduce state and national programs, facilitated by the Indiana Department of Natural Resources and Wesselman Nature Society staff. All workshops will be conducted at the Wesselman Woods Nature Center in Evansville. These workshops are appropriate for any grade level, but specific grade level activities will be emphasized. Educators may earn 1 Professional Growth Point per hour of training.

Project Learning Tree

July 16, 8:00 am - 3:00 pm For: Educators, (grades 2-3 will be emphasized) Cost: \$30.00/person

Project Learning Tree, Early Childhood

July 17, 8:00 am - 11:00 am For: Educators (grades K-1 will be emphasized) Cost: \$25.00/person

Growing Up WILD - Early Childhood

July 18, 12:00 pm - 3:00 pm For: Educators (grades K-1 will be emphasized) Cost: \$30.00/person

Project WILD

July 19, 8:00 am - 3:00 pm For: Educators (grades 4-5 will be emphasized) Cost: \$30.00/person

Hoosier Riverwatch

September 8, 8:30 am - 4:30 pm For: Educators, all levels Cost: FREE

Preregistration is required. Payment is due at time of registration. Make checks payable to WNS.

To Register: Call 812-479-0771 ext 102 or email lpreske@wesselmannaturesociety.org

Registration deadlines: PLT or WILD - July 9, Hoosier Riverwatch - September 3

What PRISM Can Do For You!

- Easily find the perfect teaching and learning resources from our library of over 3,800.
- 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!
- Join discussions with students, parents, or other teachers inside chats and forums.
- 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



PRISM is a free website that provides collections of online resources for Indiana educators in the fields of science, technology, engineering, and mathematics (STEM). The primary collection of digital teaching materials is indexed according to the Indiana Academic Standards for 6th, 7th, and 8th grade and secondary education courses.