Professional Development for Educators

Summer 2012



- Act 48 Opportunities
 - TEACHING & LEARNING
 - GIFTED & TALENTED EDUCATION
 - EARLY CHILDHOOD SPECIAL EDUCATION SERVICES
 - MATHEMATICS
 - Science, Technology, Engineering
- **CPE Courses for Credit**On-line and Face-to-Face courses
- * 3 NEW CPE Courses



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IU 13 Continuing Professional Education (CPE) Policies

Continuing Professional Education ("CPE") in Pennsylvania is a planned, competency-based program whereby professional educators may earn CPE credits to maintain active certification or simply improve skills and content knowledge. The Lancaster-Lebanon Intermediate Unit 13 and Design Team offer this CPE credit course program as a service to educators. All instructors have demonstrated expertise in their field and are currently teaching or working in the area they are presenting. Joey Rider-Bertrand, Curriculum and Instruction Specialist, IU 13 Instructional Services, has administrative responsibility for all courses. Individuals should check local school district policy if they wish to use CPE credits for purposes other than those outlined by the Pennsylvania Department of Education (PDE). These courses are not part of a graduate degree; however, they may be used to obtain PA Level II certification, a Letter of Equivalency, Act 48, self-improvement or professional development.

Courses are considered graduate-level study and are designed to meet the same level of rigor as those offered at universities. The courses listed are organized and sponsored by IU 13. However, any school district or school-related organization may submit programs to the Design Team. Upon approval by the local Design Team and PDE, courses may be offered for CPE credit.

ACT 48 REQUIREMENTS

Each CPE course credit is equal to 14 clock hours or 30 hours towards Act 48 requirements for educators to maintain their PA teaching certificate. Act 48 requires that educators complete at least 6 credits or 180 hours of continuing professional education or learning activities or any combination every five calendar years. Act 48 hours are different from "clock hours" in that clock hours include classroom instructional time only. Since courses are designed to include approximately one hour of outside-of-class work for every hour of in-class time, each clock hour is worth approximately two (2) Act 48 hours. Breaks for meals and homework time may not be included in the clock hours or Act 48 hours. The number of course credits is determined by the clock hours as follow:

14 Clock Hours = 1 Credit = 30 Act 48 hours 28 Clock Hours = 2 Credits = 60 Act 48 hours 42 Clock Hours = 3 Credits = 90 Act 48 hours

ATTENDANCE

We urge all participants to comply with PDE's policy of 100% attendance for full credit. We will consider limited absences for emergencies only. Participants are responsible for making arrangements with the instructor(s) for any necessary make-up work to fulfill course requirements. Attendance after the first session may not be permitted if course fee is unpaid.

WEATHER DELAY/CANCELLATION INFORMATION

For information regarding weather delays/cancellations, visit our website www.iu13.org and click on Weather Delays and Cancellations; tune in to WGAL-8, ABC-27, CBS-21, and FOX 43; or dial IU 13's Conference Center hotline at 717-606-1600 and select option 5.

PAYMENT INFORMATION

The basic fee for these courses is \$175.00 per credit; however, the total fee may vary according to the materials and supplies required.

Payment must be received one week before the first class meets. If your school district has agreed to pay for your class, you will receive a receipt AFTER successfully completing the course that you can use to submit to your district for reimbursement.

A separate check for each course is requested. Unless specified otherwise, make checks payable to: Lancaster-Lebanon IU 13. District authorized purchase orders will also be accepted. Please send payment to 1020 New Holland Avenue, Lancaster, PA 17601. Attention: Beth Parkins.

RECEIPTS

Those who register by the deadline and successfully complete course requirements will receive a receipt in the mail. Pennsylvania certified teachers will also receive course certificates of completion.

REFUND POLICY

- Full refund when notified of cancellations at least one week prior to the start date.
- Partial refund (50%) if canceled less than at least one week prior to the start date.
- No refund for cancellations after course starts and for no-show.
- Please follow your school district's online policies and procedures.

ENROLLMENT

We accept on-line registrations only. **Please see pages 21 and 22 for step-by-step instructions for online registrations.** Registration deadlines are one (1) week prior to the start date of classes. Please be sure you receive an electronic confirmation. No telephone registrations will be accepted. In the event a class is canceled, registrants will be notified at least one (1) week prior to the start date.

NOTE: Please follow your school district's online registration policies and procedures.

NONDISCRIMINATION POLICY

It is the policy of the Lancaster-Lebanon Intermediate Unit 13 not to discriminate on the basis of sex, disability, race, color, and national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title IV.

The Lancaster-Lebanon Intermediate Unit 13 will take steps to assure that lack of English language skills will not be a barrier to admission or participation in any educational programs. Further assurance is given that services, activities, and facilities are accessible to and usable by persons with disabilities.

For information regarding civil rights and grievance procedures, contact Philip Steinour, Director of Human Resources, at IU 13, 1020 New Holland Avenue, PA 17601 or telephone (717) 606-1849.

PPID Information

WHAT IS A "PPID" AND WHY AM I BEING ASKED TO PROVIDE THIS?

PPID stands for Professional Personnel ID. This is a 7-digit ID number for all Pennsylvania-certified educators generated by the Pennsylvania Department of Education.

Beginning in June 2006 all Pennsylvania-certified educators were assigned a new ID number (PPID) by PDE. The primary use of this ID will be to provide an alternative to the Social Security Number for certified educators to use to report and retrieve their Continuing Education credits and hours. This Professional Personnel ID will eventually replace the Social Security Number.

HOW DO I FIND OUT WHAT MY PPID IS?

All Pennsylvania certified educators should go to the PDE website to retrieve their numbers.

PA Department of Education

On the left-hand side of the homepage, click on the link entitled "Access Services". In the same column, select "Act 48 - Continuing Professional Education". You will be taken to the page entitled "Act 48 of 1999 - Continuing Professional Education". Click on the title of the first yellow box, which will take you to PERMS (Professional Education Records Management System) Welcome webpage. Make selections as needed.

If you have any difficulty or need more information, please contact:

The Bureau of Teaching and Learning Support:
Division of Professional Development
Pennsylvania Department of Education
333 Market Street - 8th Floor
Harrisburg, Pennsylvania 17126-0333
Voice: (717) 772-4944 Fax: (717) 772-3621

Teaching & Learning Professional Development

Beginning Sign Language

Dates/Times: June 11, 12, 13, 14, 15, 2012 / 8:00 AM - 11:00 AM

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Instructor: Adrienne Lerch, IU 13 Interpreter

Professional Opportunity: 15 ACT 48 PROFESSIONAL EDUCATION HOURS

Cost: \$191.00 (\$175.00 for workshop plus \$16.00 for the textbook)

Description: This face-to-face workshop will be worth 15 hours toward the Act 48 professional education requirements. Beginning Sign Language is for any professional who has the chance to use sign language. The basic concepts of signing are taught. This workshop will begin with finger spelling and progress with commonly used signs.

Daily quizzes, partner signing, and game/practice activities will be used to foster sign application. Sign with voice will be used by the teacher during the classes, with the exception of quizzes and specific practice sessions.

CLICK HERE TO REGISTER FOR THIS WORKSHOP!

Gifted and Talented Education

Gifted Education Collaboration Day: Standards-Linked GIEP Writing

Date/Time: July 17, 2012 / 9:00 AM - 12:00 Noon

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Facilitator: Janice Estabrook, Gifted Education and Enrichment Coordinator, IU 13

Professional Opportunity: 3 ACT 48 HOURS

Cost: No Cost

Description: This collaborative session is offered as a networking opportunity for gifted education teachers. Come together to share ideas, resources, concerns, and questions. There will be an update on the PA Common Core Standards and related resources on the SAS portal. Discussion can be held on how to use the standards to add rigor to GIEP annual goals and objectives. Teachers should bring a laptop and make sure they are registered users of SAS prior to this session. They should also bring student information used in writing GIEPs. The schedule for the day will be driven by the needs of the participants. **Dr. Diane Hurst**, IU 13 Staff Development Specialist for Mathematics, will join us for this session. She has expertise in the PACCS and will be available to answer questions and guide teachers in the use of the resources available on SAS. Get a head start on your GIEPs now and benefit from time spent networking with colleagues!

Early Childhood Special Education Services

iPads and iPods in Special Education: Powerful Tools for Access and Participation

Dates/Times: August 15, 2012 / 8:30 AM - 3:30 PM (Registration begins at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Facilitator: Deb Bierly, IU 13 Special Education Consultant, Early Childhood Special Education Services

Professional Opportunity: 6 ACT 48 HOURS

Cost: No charge for IU 13 districts; districts outside IU 13 \$50.00. Lunch is on your own.

Audience: Special Educators, Speech and Language Clinicians, Special Education Administrators **Description:** This workshop is designed to provide special education professionals with the opportunity to learn more about Apple's mobile operating system (iOS) and learn about the growing number of apps that can be used by students to access and participate in the school curriculum. The first half of the day will provide 'how-to' and discussion of working with iOS. There will be a focus on accessibility options built in to the Version 5 operating system. The second half of the day will focus on a variety of apps that help educators impact student learning and achievement. A demonstration of a variety of apps will be included.

CLICK HERE TO REGISTER FOR THIS WORKSHOP!

Working with Students from Poverty: Key Understandings and Strategies for School Personnel

Date/Time: August 16, 2012 / 8:30 AM - 3:30 PM (Registration begins at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Facilitators: Dyane Carrere, IU 13 Education Consultant, Early Childhood Special Education Services and Lucinda Harnish, IU 13 Social Worker, Early Childhood Special Education Services

Professional Opportunity: 6 ACT 48 HOURS

Cost: No charge for IU 13 districts; districts outside IU 13 \$50.00. Lunch is on your own.

Audience: School social workers, general and special education teachers, instructional support staff, school counselors, administrators, and school psychologists

Description: More and more of our students are growing up in families which are either temporarily or chronically economically-stressed and the experiences of poverty often significantly impact how these children function in our schools. Content will build participants' background knowledge regarding the complexities of poverty, its impact upon children's brains. Research-based strategies for both academic and social/emotional health will be shared. Beyond the framework provided by Ruby Payne, this workshop is based upon the work of national experts including Pedro Noguera, James Comer, Gloria Ladson-Billings, Crystal Kuykendall, Jonathan Kozol, Larry Brendtro, Lisa Delpit, Geoffrey Canada, Eleanor Rodriguez, The Search Institute, and many others. This workshop is designed to provide key core content as well as information regarding resources for those individuals interested in exploring this subject more extensively.

Early Childhood Special Education Services

CPI Refresher: Fights at School

Date/Time: July 3, 2012/8:30 AM - 3:30 PM (Registration begins at 8:00 AM)

Location: The Conference and Training Center at IU 13

Presenter: Certified Non-Violent Crisis Prevention Instructor, Early Childhood Special Education Services

Professional Opportunity: 6 ACT 48 HOURS

Cost: \$15.00

Audience: Participants <u>must</u> have completed the Initial 12-hour CPI Certification program <u>and</u> have a current CPI certification. Attending a bi-annual refresher course is necessary to maintain certification. Intermediate Unit 13, Lancaster County, and Lebanon County public school personnel **only**.

Description: The local training team in accordance with the recommendations from the National Crisis Prevention Institute has designed the Non-Violent Crisis Prevention Refresher Course "Fights at School". This training is designed to teach participants to deal with verbal and physical conflicts in a safe, systematic manner. Participants will also learn how to prevent fights by recognizing and responding to warning signals, how to use verbal techniques for early intervention, and when and how to use physical restraint to manage extremely violent, combative situations. A thorough review of the physical intervention techniques will also be conducted. **Partner practice of physical techniques is a required component of the training. Please dress casually with sneakers or rubber-soled shoes. For your safety, you will be asked to remove jewelry.**

CLICK HERE TO REGISTER FOR THIS WORKSHOP!

CPI Refresher: Establishing Therapeutic Rapport

Date/Time: July 25, 2012/8:30 AM - 3:30 PM (Registration begins at 8:00 AM)

Location: The Conference and Training Center at IU 13

Presenter: Certified Non-Violent Crisis Prevention Instructor, Early Childhood Special Education Services

Professional Opportunity: 6 ACT 48 HOURS

Cost: \$15.00

Audience: Participants <u>must</u> have completed the Initial 12-hour CPI Certification program <u>and</u> have a current CPI certification. Attending a bi-annual refresher course is necessary to maintain certification. Intermediate Unit 13, Lancaster County, and Lebanon County public school personnel only.

Description: The local training team in accordance with the recommendations from the National Crisis Prevention Institute has designed the Non-Violent Crisis Prevention Refresher Course "Establishing Therapeutic Rapport". Participants will learn to recognize the stages involved in developing therapeutic rapport with an individual after a crisis and sharpen the skills needed to complete each stage of this post-intervention process. A thorough review of the physical intervention techniques will also be conducted. **Partner practice of physical techniques is a required component of the training. Please dress casually with sneakers or rubber-soled shoes. For your safety, you will be asked to remove jewelry.**

Early Childhood Special Education Services

CPI Refresher: How to Excel at Verbal Intervention

Date/Time: August 6, 2012/8:30 AM - 3:30 PM (Registration begins at 8:00 AM)

Location: The Conference and Training Center at IU 13

Presenter: Certified Non-Violent Crisis Prevention Instructor, Early Childhood Special Education

Services

Professional Opportunity: 6 ACT 48 HOURS

Cost: \$15.00

Audience: Participants <u>must</u> have completed the Initial 12-hour CPI Certification program <u>and</u> have a current CPI certification. Attending a bi-annual refresher course is necessary to maintain certification. Intermediate Unit 13, Lancaster County, and Lebanon County public school personnel only.

Description: The local training team in accordance with recommendations from the National Crisis Prevention Institute has designed the Non-Violent Crisis Prevention Refresher Course, "How to Excel at Verbal Intervention". Verbal intervention skills are one of the keys to successful resolution of potential crises. This program will help participants sharpen their skills and will increase confidence in their ability to use them effectively. **Partner practice of physical techniques is a required component of the training. Please dress casually with sneakers or rubber-soled shoes. For your safety, you will be asked to remove jewelry.**

CLICK HERE TO REGISTER FOR THIS WORKSHOP!

CPI Initial Training

Date/Time: August 16 & 17, 2012/8:30 AM - 3:30 PM (Registration begins at 8:00 AM)

Location: The Conference and Training Center at IU 13

Presenter: Certified Non-Violent Crisis Prevention Instructor, Early Childhood Special Education

Services

Professional Opportunity: 12 ACT 48 HOURS

Cost: \$30.00

Audience: Intermediate Unit 13, Lancaster County, and Lebanon County public school personnel **only**. **Description:** Non-Violent Crisis Intervention training through Crisis Prevention Institute, Inc. is a nationally recognized program designed to teach staff and building level teams to intervene in a safe, non-harmful manner when students become disruptive or violent. Participants will learn preventive techniques, therapeutic physical intervention and prevention assessments. Attendees must participate in the entire 12 hours of training in order to receive the nationally recognized Crisis Prevention Institute content and certification. **Partner practice of physical techniques is a required component of the training. Please dress casually with sneakers or rubber-soled shoes. For your safety, you will be asked to remove jewelry.** *Participants must attend the entire two day training to receive the nationally recognized Non-Violent Crisis Prevention certification.*

Early Childhood Special Education Services

The ANSWER Key to Open Response for Grades 3-12

Date/Time: August 15, 2012 / 8:30 AM - 3:30 PM (Registration begins at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, Lancaster, PA

Presenter: Gail Campbell, certified Keys to Literacy trainer, Special Education Consultant, EC/SES

Training and Consultation team

Professional Opportunity: 6 Act 48 Hours

Cost: \$32.00 per person fee for required materials for IU 13 districts. **Districts outside IU 13 service area** \$50.00 **plus required materials fee**. A materials fee will be charged if participant drops this session after registration deadline date. In order to receive materials, attendance is required at this training. Lunch is on your own.

Description: Get prepared in 2012 for the 2013 high stakes tests. The ANSWER Key to Open Response is a routine for students to use in answering reading comprehension open response questions, also sometimes referred to as constructed response questions. These types of questions are often found on high-stakes assessments, but they can also be used to support the comprehension and mastery of information from various content reading material. In order to effectively answer an open response question, a student must carefully read a sample of text and respond in writing to a given question using specific, relevant evidence from the text. In order for the response to truly reflect a student's comprehension, the student applies three sets of skills: reading comprehension, organization of information using two-column notes, and writing. The ANSWER Key to Open Response teaches students specific steps to follow in applying these three sets of skills.

Mathematics

A Story in Math Class:

Teaching Math Concepts while Differentiating Instruction Using Children's Literature Grades K-6

Date/Time: June 14, 2012 / 8:30 AM - 3:30 PM (Registration begins at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, Lancaster, PA

Presenter: Jennifer Taylor-Cox, Ph.D.

Professional Opportunity: 6 ACT 48 HOURS

Cost: No cost for the 2 participants per IU 13 STEM Consortium school district; \$100/participant

within or outside of the IU 13 STEM Consortium

Audience: K-6 Teachers

Description: Teaching math concepts while differentiating instruction using children's literature requires more than simple connections. We need to focus on the math content and the academic needs of the students while maintaining the integrity of the literature. In this one-day face-to-face session you will learn how the story of *Sigmund Square Finds His Family* has specific connections to the Common Core State Standards for Mathematics in the geometry domain and how each page's "lessons seeds" are directly correlated to the CCSS for mathematical proficiency.



Mathematics (cont'd)

Transitioning to the PA Common Core Math Standards



Grades K-2

Date/Time: July 10, 2012 / 8:30 AM - 12:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenters: Amy Houck, IU 13 Mathematics Consultant, Nonpublic School Services

Dr. Diane Hurst, IU 13 Staff Development and Training Specialist - Mathematics

Professional Opportunity: 4 ACT 48 HOURS

Cost: \$50/participant (\$125 for a team of three teachers per district/building)

Audience: K-2 classroom and special education teachers

Description: The PA Common Core State Standards in Mathematics lay a solid foundation in whole numbers, addition, subtraction, multiplication, division, fractions and decimals. Taken together, these elements support a student's ability to learn and apply more demanding math concepts and procedures. This professional development session will focus on deepening teacher understanding of the Standards for Mathematical Content for grades K-2. Participants will also focus on the processes and proficiencies through games and activities to develop mathematical understanding in their students.

CLICK HERE TO REGISTER FOR THIS WORKSHOP!

Grade 3

Date/Time: July 12, 2012 / 8:30 AM - 12:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenters: Amy Houck, IU 13 Mathematics Consultant, Nonpublic School Services

Dr. Diane Hurst, IU 13 Staff Development and Training Specialist - Mathematics

Professional Opportunity: 4 ACT 48 HOURS

Cost: \$50/participant (\$125 for a team of three teachers per district/building)

Audience: Grade 3 classroom and special education teachers

Description: The PA Common Core State Standards in Mathematics lay a solid foundation in whole numbers, addition, subtraction, multiplication, division, fractions and decimals. Taken together, these elements support a student's ability to learn and apply more demanding math concepts and procedures. This professional development session will focus on deepening teacher understanding of the Standards for Mathematical Content for grades K-2. Participants will also focus on the processes and proficiencies through games and activities to develop mathematical understanding in their students. A heavy focus on laying the foundation for <u>fractions</u> will be covered as described in the Common Core Standards.

Mathematics (cont'd)

Debbie Diller: Math Work Stations Online (via Elluminate) Book Study

Dates/Times: July 11, 25, August 8, 2012 / 9:00 AM - 11:00 AM

Location: Online

Facilitators: Steve Cicioni, Education and Mathematics Consultant

Dr. Diane Hurst, IU 13 Staff Development and Training Specialist - Mathematics

Professional Opportunity: 6 ACT 48 HOURS

Cost: \$65/participant (includes book Math Work Stations by Debbie Diller)

Audience: K-2 classroom and special education teachers

Description: Have you ever questioned how to make math stations work in your classroom? Join this online book study of Debbie Diller's book, <u>Math Work Stations</u>. This photo-filled, idea-packed resource extends Debbie Diller's best-selling work on literacy work stations and classroom design to the field of mathematics. Start with advice on organizing manipulatives and creating classroom spaces for math. See how to introduce work stations through mini-lessons. Then explore dozens of specific work stations on beginning number concepts, addition and subtraction, place value, geometry and measurement.

CLICK HERE TO REGISTER FOR THIS WORKSHOP!

Number and Operations for Grades 3 to 8 Base Ten and Fractions

Date/Time: August 2, 2012 / 8:30 AM - 3:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenters: Steve Cicioni, Education and Mathematics Consultant

Dr. Diane Hurst, IU 13 Staff Development and Training Specialist - Mathematics

Professional Opportunity: 6 ACT 48 HOURS

Cost: No charge. All expenses (materials, continental breakfast and lunch) paid by PCTM (PA Council

of Teachers of Mathematics Partnership Program)

Audience: Grades 3-8: Elementary, Middle and Special Education Teachers

Description: Teachers will explore the content of Number and Operations in Base Ten and Fractions through engaging hands-on activities that are content-filled, creative and fun. Relevant strategies and content deepening instruction will provide teachers with the opportunity to practice and discuss classroom practices. In addition to a detailed packet of materials and activities, participants will have access to a Moodle site for electronic copies of all materials.

Mathematics (cont'd)

Applying the Standards for Mathematical Practice in the Classroom

Grades K-6

Dates/Times: August 7, 2012 / 8:30 AM - 3:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenters: Steve Cicioni, Education and Mathematics Consultant

Dr. Diane Hurst, IU 13 Staff Development and Training Specialisti - Mathematics

Professional Opportunity: 6 ACT 48 HOURS Cost: \$80/participant. Lunch will be provided.

Audience: K-6 classroom and special education teachers

Description: The Standards for Mathematical Practice describe varieties of expertise that mathematics educators at all levels should seek to develop in their students. The Mathematical Practices serve as the vehicle through which the PA Common Core Standards of Mathematical Content are taught. This session will present an in-depth overview of the eight Standards for Mathematical Practices. Teachers will focus on the first Mathematical Practice: making sense of problems and persevere to solve them. Teachers will be engaged in problems and activities that model these practices.

CLICK HERE TO REGISTER FOR THIS WORKSHOP FOR GRADES K-6!

Grades 6-HS

Dates/Times: August 9, 2012 / 8:30 AM - 3:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenters: Steve Cicioni, Education and Mathematics Consultant

Dr. Diane Hurst, IU 13 Staff Development and Training Specialisti - Mathematics

Professional Opportunity: 6 ACT 48 HOURS Cost: \$80/participant. Lunch will be provided.

Audience: 6-HS classroom and special education teachers

Description: The Standards for Mathematical Practice describe varieties of expertise that mathematics educators at all levels should seek to develop in their students. The Mathematical Practices serve as the vehicle through which the PA Common Core Standards of Mathematical Content are taught. This session will present an in-depth overview of the eight Standards for Mathematical Practices. Teachers will focus on the first Mathematical Practice: making sense of problems and persevere to solve them. Teachers will be engaged in problems and activities that model these practices.

CLICK HERE TO REGISTER FOR THIS WORKSHOP FOR GRADES 6-HS!

Science, Technology & Engineering

Elementary STEM Workshops

Pennsylvania is a member of the Engineering by Design (EbD) Consortium of the STEM Center for Teaching and Learning. This membership provides **FREE** online access to K-12 STEM curriculum that is easy and affordable to implement. This professional development opportunity is the *official* training for EbD TEEMS, and IU 13 is currently the *only authorized* training site in PA for it! During this session, participants will increase their understanding of STEM at the elementary level, including STEM content, an integrative approach to STEM, and inquiry and design-based pedagogy. Furthermore, teachers will deepen their knowledge of **the Common Core Standards for Math and ELA** and standards for Science, Technology, and Engineering. If you are looking for an economical replacement for an elementary science unit/kit, a way to increase your alignment to the standards and PSSA's, and/or an enhancement to your existing science, math, and literacy program, you do not want to miss this professional development event!

EbD TEEMS: Every Drop Matters (Gr. 3)

Dates/Time: July 17, 2012 / 8:30 AM - 3:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenter: Joey Rider-Bertrand, IU 13 Curriculum & Instruction Specialist, STEM

Professional Opportunity: 6 ACT 48 HOURS

Cost: No charge for 2 participants from each STEM Consortium district; \$80/participant for additional

or outside STEM Consortium **Audience**: Grade 3 teachers

CLICK HERE TO REGISTER FOR "EVERY DROP MATTERS" WORKSHOP.

EbD TEEMS: The Power of Solar (Gr. 4)

Dates/Time: July 18, 2012 / 8:30 AM - 3:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenter: Joey Rider-Bertrand, IU 13 Curriculum & Instruction Specialist, STEM

Professional Opportunity: 6 ACT 48 HOURS

Cost: No charge for 2 participants from each STEM Consortium district; \$80/participant for additional

or outside STEM Consortium **Audience**: Grade 4 teachers

CLICK HERE TO REGISTER FOR "THE POWER OF SOLAR" WORKSHOP.

Science, Technology & Engineering (cont'd)

EbD TEEMS: Community Connections (Gr. 5)

Dates/Time: July 19, 2012 / 8:30 AM - 3:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenter: Joey Rider-Bertrand, IU 13 Curriculum & Instruction Specialist, STEM

Professional Opportunity: 6 ACT 48 HOURS

Cost: No charge for 2 participants from each STEM Consortium district; \$80/participant for additional

or outside STEM Consortium **Audience**: Grade 5 teachers

CLICK HERE TO REGISTER FOR "COMMUNITY CONNECTIONS" WORKSHOP.

STEM Education for All: What is it? Why is it important? What does it look like?

Dates/Time: July 31, 2012 / 8:30 AM - 3:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenter: Joey Rider-Bertrand, IU 13 Curriculum & Instruction Specialist, STEM

Professional Opportunity: 6 ACT 48 HOURS

Cost: \$80/ participant (\$200 for a team of teachers per district/building) *Lunch is included*.

Audience: K-12 teachers

Description: Is your school or district struggling to define STEM education and design a program for all learners? Would you like to start a STEM initiative, but do not know where to begin? Have you considered the differences between STEM, STEM education, and STEM integration? In this interactive professional development opportunity, participants will increase their awareness and understanding of what STEM is, why it is important, and what it looks like. In addition, STEM education at the elementary, middle, and high school levels will be explored with an emphasis on developing STEM literacy for all students. The use of inquiry and design-based learning approaches, design challenges as a problem-based instructional strategy, and real world challenges will be presented. How to access free online STEM curriculum for grades K-12 that is available through Pennsylvania's membership in the Engineering by Design (EbD) Consortium will also be shared with participants.

Science, Technology & Engineering (cont'd)

Bringing Ecology into the Biology Classroom

To Enhance Alignment of Instruction to the Biology Keystone Assessment Anchors

Dates/Time: August 1, 2012 / 8:30 AM - 3:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster

Presenter: Amy Weidensaul, Director of Programs, Audubon Pennsylvania

Professional Opportunity: 6 ACT 48 HOURS

Cost: No charge. Materials, continental breakfast and light lunch provided. Sponsored by *Audubon PA*

and the IU 13 STEM Consortium.

Limit: 3 participants per IU 13 STEM Consortium school district

Description: This one-day professional development opportunity will introduce high school biology teachers to hands-on activities that will bring ecology into the classroom and enhance student learning. Activities are aligned to the PA standards and Biology Keystone Exam assessment anchors. Ideas and methods for using the schoolyard as an outdoor laboratory will also be provided. Topics include the exploration of different aspects of ecology such as ecosystems, habitats, human impact, and the interaction of organisms. The activities and lessons are culled from a number of national curricula including Project WILD, Project WET, Pennsylvania Biodiversity, Pennsylvania Songbirds, and more. Participants will receive a sampling of Audubon curricula and useful classroom resources. Biology teachers do not want to miss this opportunity to discover new strategies for teaching ecology, fostering student leadership, and developing students' higher order thinking skills!

CLICK HERE TO REGISTER FOR THIS WORKSHOP.

STARLAB Portable Planetarium Training

Dates/Time: August 7, 2012 / 8:30 AM - 12:30 PM (Registration at 8:00 AM)

Location: The Conference and Training Center at IU 13, Burle Business Park, 1020 New Holland

Avenue, Lancaster **Presenter**: Earl Kenepp

Professional Opportunity: 4 ACT 48 HOURS

Cost: No cost for IU 13 IMS member districts/schools; \$75 for non-members

Audience: Science teachers - Grades 1-12

Description: This exciting interactive training session will include basic instruction on ordering the STARLAB from IU 13, set-up procedures, and curriculum instructions ranging from basic to more advanced lessons including the Lewis and Clark, ocean currents, and plate tectonics curricula. STARLAB can be handled by one person and set up right in the classroom, gym, cafeteria, or auditorium. It is an ideal learning tool for teachers looking for ways to convey concepts for a wide variety of disciplines through interactive, hands-on and minds-on lessons. The STARLAB can be reserved through MediaNet and is included as a service through the IU 13 Instructional Media Services. All 22 school districts subscribe to this service so there is no cost to use the STARLAB.

Science, Technology & Engineering (cont'd)

Modeling Chemistry/Modeling Physics Refreshers

Dates/Time: June 18-22, 2012 / 9:00 AM - 4:00 PM

Location: Lebanon Valley College

Professional Opportunity: 30 ACT 48 HOURS -- OR -- 2 LVC Grad Credits + 30 Act 48 Hours

Cost: \$200/STEM Consortium participant; \$300/non-Consortium participant --OR-- \$860/participant

for 2 LVC graduate credits + 30 Act 48 Hours **Audience**: Chemistry and Physics Teachers

Instructors: Raymond Howanski and Jess Dykes, Ridley School District

Description: These workshops are designed to be "refreshers" for teachers who have already had some training in Modeling instruction. Discussions and workshops will focus on Keystone-aligned concepts and competencies for high school chemistry and physics, participants' previous experiences with facilitating learning from a model-centered perspective, and how participants can continue to develop model-centered classrooms. Chemistry and Physics topics will build on those discussed during the Summer 2011 Modeling Programs, and may include: kinetic molecular theory; stoichiometry; energy and chemical change; kinematics and dynamics; conservation laws; and students' naïve, persistent conceptions about matter and interaction. **NOTE: Graduate credit option requires a culminating project.**

Introduction to Modeling Chemistry - OR - Modeling Physics

Dates/Time: August 13-17, 2012 AND Saturdays Sept. 8 & 22, Oct. 13 & 27, Nov. 10, 2012

All sessions 9:00 AM - 4:00 PM

Location: Lebanon Valley College

Professional Opportunity: 60 ACT 48 HOURS -- OR -- 3 LVC Grad Credits + 60 Act 48 Hours

Cost: \$350/STEM Consortium participant; \$600/non-Consortium participant -- OR--

\$1,530/participant for 3 LVC graduate credits + 60 Act 48 Hours

Audience: Chemistry and Physics Teachers

Instructors: Raymond Howanski and Jess Dykes, Ridley School District

Description: These workshops focus on Keystone-aligned concepts and competencies for high school

chemistry and physics and how to facilitate learning from a model-centered perspective.

<u>Introduction to Modeling Chemistry will include</u>: the particulate structure of matter; energy and kinetic molecular theory; stoichiometry, energy and chemical change; and naïve, persistent conceptions about matter and interaction.

<u>Introduction to Modeling Physics will include</u>: kinematics, dynamics, conservation laws, and students' naïve, persistent conceptions about matter and interaction. **NOTE: Graduate credit option requires a culminating project.**

To enroll for any Modeling Course, go to http://www.lvc.edu/mse/ and click on "registration" OR call 717-867-6482.



IU 13 CPE Course #S12-01 Sign Language Intermediate I

Dates/Times: June 18-22, 2012 / 8:00 AM - 11:00 AM

Location: The Conference and Training Center at IU 13, Burle Business Park,

1020 New Holland Avenue, Lancaster

Instructor: Adrienne Lerch, IU 13 Interpreter

Professional Opportunity: 1 CPE credit (30 Act 48 professional education hours)

Cost: \$175.00

Prerequisite: *Beginning Sign Language* or permission of the instructor

Description: Sign Language: Intermediate I is for any professional in the field of education who has completed the Beginning Sign Language workshop or has prior consent from the instructor (approximately 200-300 sign vocabulary). It is a continuation of the Beginning Sign Language workshop. The main emphasis will be on building receptive and expressive vocabulary, increasing sign fluency, and developing basic conversation skills through skits, games, homework, daily quizzes, and activities. Each participant will choose and interpret a song of his or her choice with assistance from the instructor. The instructor will also use sign with voice during the majority of the class. Quizzes and selected practice activities will be signed without voice.

CLICK HERE TO REGISTER FOR THIS COURSE!

IU 13 CPE Course #S12-02 Standards Aligned System - A Course for Educators *

Dates: Face-to-Face Kickoff - June 18, 2012, 9:00 AM - 1:00 PM at IU 13

Location: Online (through August 3, 2012)

Instructors: Melissa Devlin and Lindsay Rada, Wyomissing School District

Professional Opportunity: 3 CPE credits (90 Act 48 professional education hours)

Cost: \$525.00 (\$175/credit)



Format

Description: This three-credit graduate-level online course is designed to present active learning and a deepening of teacher knowledge relating to the Pennsylvania Department of Education Standards Aligned System (SAS) portal. The course focuses on the implementation of SAS in the teaching and learning process within the classroom. Educators will be provided with background knowledge related to the educational philosophy of SAS and the practical applications within the SAS portal that can positively impact student achievement. Online instructional strategies utilized in this course will promote active experiences and will provide an integrated approach to content understanding and applications within the classroom. Participants will reflect on the learning through the utilization of the ePortfolio feature, website creation, and journaling experiences. Participants will design educational content that can be integrated into the school system curricula and can be utilized within their own classroom.

IU 13 CPE Course #S12-03

Linking Inclusive Practices to the Standards Aligned System *

Dates: June 21, 22, 25, 26, July 10, 17, 2012

Time: 8:30 AM - 3:30 PM

Location: The Conference and Training Center at IU 13, Burle Business Park,

1020 New Holland Avenue, Lancaster

Instructors: IU 13 Early Childhood Special Education Services TaC Team Members

Professional Opportunity: 3 CPE credits (90 Act 48 professional education hours)

Cost: \$525.00 (\$175/credit)



Description: This three credit graduate-level course is designed to present active learning related to adopting instructional practices for students with disabilities that allow them access to the Pennsylvania Department of Education's (PDE's) standards in the general education instructional environment. This CPE course is intended to complement the course, *Standards Aligned System: A Course for Educators* through application of content knowledge of the Standards Aligned System (SAS) applied to the special education student population.

* CSPG No. 7 Update 6/1/2010 indicates educators who have been issued a Level I instructional certificate after September 22, 2007, must complete 6 specific credit hours as a part of the 24 semester hour post-baccalaureate credits. Therefore, effective September 1, 2011, individuals applying for Level II conversion must have earned at least six post-baccalaureate credits of collegiate study in the area of Inclusive Classrooms and/or in the area of Standards Aligned Systems (SAS).



IU 13 CPE Course #S12-04 Diversity Awareness in Education: A New Perspective for a Changing Classroom

Dates: July 9 - August 6, 2012

Location: Online

Instructors: Mark Good, OPN.WYD

Professional Opportunity: 3 CPE credits (90 Act 48 professional education hours)

Cost: \$525.00 (\$175/credit)



Description: This four-week online course is designed to help educators gain a greater awareness of the many facets of diversity within their school community and beyond. These include race, culture, sexual orientation and more. Through introspective and insightful learning, emphasis is placed on defining a personal worldview and appreciating the worldview of others around diversity. In the end, participants will be equipped to infuse effective strategies for use in any curriculum relevant to your position.

Participants will:

- **Complete a written self-assessment** to determine your own current level of awareness of diversity in order to assess personal goals for the course and to initiate your personal understanding of a number of diverse student needs within your specific area of discipline.
- **Establish a rationale** to validate the importance and necessity for each individual to attain diversity awareness and to learn how to answer those tough questions from decision makers in your school community who may not be in favor of diversity initiatives.
- **Examine their self-awareness** of diversity as it has evolved throughout your life to better understand the origin of your own negative assumptions, stereotypes and prejudices.
- **Comprehend their personal worldview** as it pertains to diversity and to begin to develop a lifelong examination of the worldview of others in order to become more empowered to appreciate differing perspectives that can lead to improved classroom instruction.
- Leave with a complete understanding of how to differentiate between "Active Racism" and "Institutional Racism"; how Racial Identity in America & Homophobia deeply affects all of us throughout our lives and why K-12 educators should learn to safely infuse these topics into their current curriculum.
- **Develop a personal plan of action** that can initiate genuine and relevant diversity awareness that will allow you to expand upon classroom instruction/learning methods you can really use.

IU 13 CPE Course #S12-05 Using Microsoft Excel (Office 2010 Version)

Dates: July 23-27, 2012 **Time:** 9:00 AM - 12:00 Noon

Location: The Conference and Training Center at IU 13, Burle Business Park,

1020 New Holland Avenue, Lancaster

Instructor: Rick Walter, Earth Science Teacher (retired), Manheim Central SD **Professional Opportunity:** 1 CPE credit (30 Act 48 professional education hours)

Cost: \$175.00



Description: This 5-day course uses the latest version of Excel and is designed to provide a complete overview and training of the capabilities of the Excel spreadsheet in a hands-on format. Participants must be familiar with the basic operation of a computer. No time will be spent on computer basics in the course. Although Windows computers will be used, all concepts taught in this course can be applied to any computer platform. Teaching with the use of spreadsheets and the charting capabilities will make data come alive on the white board in your classroom. If you ever wanted to know how spreadsheets can help your teaching, manage and analyze data or allow you to track student performance, this course is for you!

CLICK HERE TO REGISTER FOR THIS COURSE!

IU 13 CPE Course #S12-06 Using Microsoft Word in the Classroom (Office 2010 Version)

Dates: July 30 - August 3, 2012 **Time:** 9:00 AM - 12:00 Noon

Location: The Conference and Training Center at IU 13, Burle Business Park,

1020 New Holland Avenue, Lancaster

Instructor: Rick Walter, Earth Science Teacher (retired), Manheim Central SD **Professional Opportunity:** 1 CPE credit (30 Act 48 professional education hours)

Cost: \$175.00



Description: This 5-day course will utilize Microsoft Word (**NEW Office 2010 version**) to develop teacher management documents, classroom materials, and integration activities in the K-12 classroom. Instructional time is 15 credit hours with 15 hours of activity to be completed outside of the classroom.

IU 13 CPE Course #S12-07

Team Building: Creating a Positive Classroom Environment

Dates: August 6-10, 2012 **Time**: 8:00 AM - 5:30 PM

Location: The Conference and Training Center at IU 13, Burle Business Park,

1020 New Holland Avenue, Lancaster **Instructor:** Frank Toner, OPN.WYD

Professional Opportunity: 3 CPE credits (90 Act 48 professional education hours)

Cost: \$525.00 (\$175.00 per CPE credit)



Description: Trust, communication, safety for all, group problem solving and diversity awareness are the key components of this course. Designed for K-12 educators and business professionals, this course will provide a complete understanding of the methods, philosophies and techniques necessary to infuse teambuilding initiatives into any curriculum to create a healthy, positive environment for learning and working. Participants will thoroughly explore a unique blend of Positive and Responsive Classroom Management Models; Experiential Education and proven group processing practices. Emphasis will be on creating a practical working curriculum, which includes communication skill building, diversity awareness, collaborative learning practices and group problem-solving initiatives and activities. A presentation blueprint, which will conform and meet standards of any school district/system mission statement or business plan, is included. All activities are arranged for use in the classroom or within the working environment.

Participants will:

- **Define** the sequential progression of interpersonal and collaborative skills developed through various teambuilding activities which are necessary to create a PCE (Positive Classroom Environment)
- **Comprehend** the "Experiential Learning Cycle" as a learning theory
- **Develop** an understanding of teambuilding initiatives via experiential activities
- Design professional strategies for creating a PCE by utilizing skills attained from competency #3 and learning about relevant personality and learning style assessments (e.g. Meyers Briggs Type Indicator).
- **Develop** an action plan for use in each participant's area of discipline.

IU 13 CPE Course #S12-08 Basic Spanish for the Educational Setting



Dates: June 1 - July 15, 2012

Location: Online

Instructor: Dominic Cassetori, Sr., Agolino Educational Services

Professional Opportunity: 3 CPE credits (90 Act 48 professional education hours)

Cost: \$525.00 (\$175/credit)



Description: This three-credit graduate course is designed for teachers from grades K-12. This is an online Moodle class, and each session contains a series of lessons, video, written responses, and other activities. This course is a presentation of elementary Spanish language and grammar, in order to achieve a better understanding of the dynamics involved in the educational setting. Vocabulary, structure, culture and history, as well as some exploration of the settings and situations that arise in an educational environment will also be included. A minimal approach will be taken in order to ensure familiarity, as opposed to complete mastery, of vocabulary and structure. A renewed awareness of situations will be achieved along with a heightened sensitivity for Hispanic culture and tradition.

CLICK HERE TO REGISTER FOR THIS COURSE!

IU 13 CPE Course #S12-09

Learn the Way Your Students Should Be Learning: 21st Century Skills Are Not Just for Your Students!

Dates for 3-Hour Webinars: June 20, 25, 29, July 9, 16, 20, 23, 27, 30, 2012

Times for Webinars: 9 AM - 12 Noon

Location: Online

Instructor: Virginia Glatzer

Professional Opportunity: 3 CPE credits (90 Act 48 professional education hours)

Cost: \$525.00 (\$175/credit)



Description: This course models differentiated instruction based on knowledge and experience. The class will begin with a survey to determine readiness, skill, and expertise. Each participant will work on a variety of projects that can be incorporated into their classroom or administrative role immediately. The tools are not specific to a particular subject area nor grade level. Participants will learn using many different tools that cover a range of modalities. The hybrid delivery includes synchronous and asynchronous work. The online tools participants will use incorporate visuals and audio. In some cases, sync points will be audio only; however, the participants will be listening while exploring a particular website or tool. For those who need notes, we will collaboratively create notes.

How to Register for IU 13 CPE Courses and Act 48 Workshops: (Please follow your school district's online registration policies and procedures.)

- 1. Go to www.iu13.org. Under Online Store in left column, click on "Event/Conferences".
- 2. Click on blue "Event/Conference Information and On-Line Registration" words on IU 13 Conferences & Events page. This will take you to IU 13's My Learning Plan window.
- 3. In left column, click [uncheck all] command at bottom of column. Then check off first box ("Cont. Professional Ed").
- 4. The available CPE courses for the current month will appear. Click on desired month.
- 5. Click on **first** listing of desired course(s). Click on orange enroll box to enroll.
- 6. Select appropriate log in method:

I'm a registered user: Select this option if you have already created a Web Registration account.

I'm a new user: Select this option if you do not have a Web Registration account yet. The account is free, and you can use it to check the status of your registrations and maintain your records.

MyLearningPlan.com users: Select this option if you have an account with MyLearningPlan.com. New users will need to create an account. Please follow the step-by-step directions provided. (To find out if your district is using MyLearningPlan, refer to chart on page 15.)

- 7. Complete the registration form and click on "Update and Continue".
- 8. Choose your credit option.
- 9. Choose your payment method (Check mailed in advance is preferred*) or District Pays (PO). Click "Next".

PLEASE NOTE: YOUR SCHOOL DISTRICT WILL BE AUTOMATICALLY INVOICED FOR PAYMENT FOR YOUR CPE COURSE OR WORKSHOP IF YOU DO NOT MAIL YOUR PAYMENT IN ADVANCE.

- 10. Agree to the terms and conditions.
- 11. Print out confirmation and include with your payment.

* Please make checks payable to Lancaster-Lebanon IU 13 and mail to: Beth Parkins, Lancaster-Lebanon IU 13, 1020 New Holland Avenue, Lancaster, PA 17601

** Checks must be received one (1) week prior to the start of selected course(s).**

Please notify us if you have special needs and/or need assistance as addressed by the Americans with Disabilities Act.

If you are employed by a public school district in the IU 13 region and are unsure about your school district's online registration policies and procedures, please see contact information below to clarify. If you are employed by another school or organization and need assistance, please call Beth Parkins at (717) 606-1822.

My Learning Plan Districts

District	Contact	Phone Number
Cocalico	Allison Ohline	336-1403
Columbia Borough	Dr. Diane Frey	684-2283
Conestoga Valley	Katherine Gomez	397-5231 ext. 2407
Donegal	Tammi Alexander	492-1308
Eastern Lancaster	Cheryl Landis	354-1516
Eastern Lebanon	Tina Kunder	866-7117 ext. 2313
Elizabethtown Area	Doris Lockard	367-1521 ext. 1004
Ephrata Area	Pam Brink	733-1513
Hempfield	Robin Anderson	898-5796/618-7026
Lampeter-Strasburg	Darin Wagner	464-3311 ext. 1080
School District of	Dave Calender	291-6196
Lancaster	Kathy Tobias	291-6206
Manheim Central	Ginny Hribick	664-8558
Palmyra Area	Beckie Bomgardner	838-3144
Warwick	Diane Skilling	626-3734 ext. 3717

Non-My Learning Plan Districts (WebReg)

District	Contact	Phone Number
Annville-Cleona	Sue Struphar	867-7600
Cornwall-Lebanon	Bonnie Schott	272-2031 ext. 1708
Lebanon	Mandy Kneasel	270-6870
Manheim Township	Sherry Criniti	569-8231 ext. 3041
Northern Lebanon	Mary Gerhart	865-0541 ext. 2502
Penn Manor	Ellen Pollock	872-9500
Pequea Valley	Dawn Twardowski	768-5590
Solanco	Dr. Brian Bliss	786-8401
Lancaster CCTC	Peggy Dell	859-5108
	Deb Sausman	859-5100 ext. 5112
Lebanon CCTC	George Custer	273-8551