

**CAMDEN COUNTY  
PROFESSIONAL DEVELOPMENT DAY  
FOR  
SPECIAL AREA EDUCATORS**

**Tuesday, November 7, 2006**



**State Department of Education  
Camden County Office**

**Camden County Curriculum Consortium  
Camden County Association of School Administrators**

**Camden County  
Educational Technology Training Center**

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FOR SPECIAL AREA EDUCATORS**

**Tuesday, November 7, 2006**

The Camden County Curriculum Consortium, in cooperation with the Camden County Association of School Administrators, will conduct a countywide professional development day in special areas of education on Tuesday, November 7, 2006. The goal of this initiative is to enhance the experience of the professional development activity for the participants by establishing a community of learners dedicated to fostering an on-going conversation about student achievement and student performance. The activities scheduled for this day have been designed after surveying the needs of the professionals in the identified special areas and will take place at various sites.

Listed in the following table are the special areas, the host site, and the page number in the program where more details about the professional development workshops can be found. Information on how to register for a workshop can be found on page 26 with a registration form on page 27.

## WORKSHOP INFORMATION

	<b>Special Area</b>	<b>Host</b>	<b>Page</b>
1	The Visual and Performing Arts	Lindenwold School District	4
2	Health and Physical Education	Pine Hill School District	7
3	Technology	Camden County ETTC	8
4	Media Specialists/Librarians	Lindenwold School District	8
5	Nurses	Waterford Township School District	9
6	Pupil Personnel Services/Guidance	Camden County College	10
7	History and Social Studies	Camden County College	11
8	Early Childhood Education	Clementon School District	12
9	NJ ASK 4, GEPA & HSPA Science	Haddon Heights School District	12
10	Science	Audubon High School	13
11	Economics and Middle School Mathematics	Bellmawr School District	21
12	Special Education, Assistive Technology	Runnemede School District	21
13	Related Science Workshops at Museums	Camden County College	22
14	Art, Music, Special Education, and Suicide Prevention	Voorhees Township School District	24

There is no cost to attend most of these workshops

## 1. The Visual and Performing Arts – Theatre, Dance, and Music

**Location:** Lindenwold High School  
801 Egg Harbor Road, Lindenwold

**Host:** Lindenwold Public Schools

**Time:** 8:00 a.m. to 3:00 p.m.

### Agenda

8:00 a.m. – 8:30 a.m.	Registration and Refreshments
8:30 a.m. – 9:15 a.m.	Keynote address: <i>Youth Art Month</i> Denise Lewis Console and Lisa Winkler
9:15 a.m. – 11:45 a.m.	Workshop
11:45 a.m. – 12:30 p.m.	Lunch
12:30 p.m. – 3:00 p.m.	Workshop

### Ballroom Dancing

**Code:** Ci2-100

**Presenter:** Liliana Attar, Young Audiences

**Description:** Ballroom dance styles including the Argentinean Tango, Salsa, Merengue, etc. will be featured.

**Recommended For:** Teachers grades 3 through 12

**Hours:** 5

**Capacity:** 30



### SPECTRUM: Specialized Projects Encouraging Children to Really Understand Math

**Code:** Ci2-101

**Presenter:** Jennifer Siery, Young Audiences

**Description:** Learn the creative possibilities of exploring math through hands-on visual art activities ready for the classroom. This workshop is perfect for visual arts and math teachers to work together on projects relevant to both subjects.

**Recommended For:** Teachers grades 3 through 12

**Hours:** 5

**Capacity:** 24

### Philadelphia Museum of Art Posters As Art and Language Resources

**Code:** Ci2-102

**Presenter:** Barbara Bassett

**Description:** The visual arts can be a wonderful resource for a wide variety of classroom curricula from art and language arts to social studies and math. During this workshop, Barbara Bassett, curator of Education for School and Teacher Programs at the Philadelphia Museum of Art, will introduce the Museum's six teaching poster sets and strategies for using them in classroom studies.

**Recommended For:** Teachers grades K through 12

**Hours:** 5

**Capacity:** 25

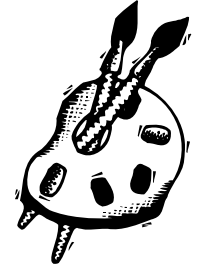
## **The Ultimate Art Teacher's Survival Guide**

**Code: Ci2-103**

**Presenter:** Arlene Arons

**Description:** This all-inclusive workshop features the following:

- How to create a successful art program
- Time management – minimize stress, maximize productivity
- Strategies for classroom management
- Room set up – strategic seating, storage of student work, etc.
- Maintaining control, rewards, and consequences
- Supplies – ordering, favorites and indispensables, distribution, funding
- Evaluation – grading and record keeping
- “The Art Survey” – a quick overview of students’ art knowledge and background
- Lessons across the calendar (samples and illustrated handouts), including portraits for all grades, seasonal ideas, holidays, drawing assessment, snazzy “Back to School” projects, “black light” murals, President’s Day, Mother’s Day, and much more
- Webliography – using the Internet for background info, project ideas and illustrations
- Great videos that teach and entertain
- Project samples for over 50 lessons
- Handouts!! Illustrated directions for projects that your students will love and are proven successful. Great letters, certificates, the “Picasso Award”, and more
- Hands-on – Participants will create sample projects (5-8 projects) to take back to the classroom. Workshop includes illustrated handouts for over 40 projects covering holidays, seasons, principles of design, clay, special education, and much more using a wide variety of media and techniques



*\* Please bring scissors, glue sticks, and black sharpie marker.*

**Recommended For:** Teachers grades K through 5

**Hours:** 5

**Capacity:** 20

## **Thinking Like Leonardo DaVinci: Combining Science, Mathematics and Art Code: Ci2-104**

**Presenter:** Dottie Fresco

**Description:** Working with the illusions of Op Art, this workshop will help you understand how the brain perceives art. Create an organic “living” tessellation. Discover a new definition of the right angle. Learn how to teach Einstein’s “Theory of Relativity” through M.C. Escher’s surreal world of impossible geometry. Become aware of the impact of modern technology on art and art history. By using both sides of the brain, your students will gain a new perspective on science and math.

**Recommended For:** Teachers grades K through 12

**Hours:** 5

**Capacity:** 20

### **Dancing Across the Curriculum**

**Code: Ci2-105**

**Presenter:** Randy James, Dance Works

**Description:** Randy James will introduce dance as a movement language and communicative form. He will demonstrate how dance links to cross-content learning. This workshop will provide new teaching techniques for teachers of all subjects. Wear comfortable clothing!

**Recommended For:** Teachers grades K through 12

**Hours:** 5

**Capacity:** 25



### **The African-Caribbean Beat**

**Code: Ci2-106**

**Presenter:** Marlon Simon

**Description:** Marlon Simon introduces teachers to African-Caribbean rhythms. Participants are provided with musical instruments and broken up into ensembles with each performing a different beat. Together, the ensembles create the African-Caribbean rhythms. Participants are encouraged to bring percussion instruments such as bongos, maracas, congas, or any instrument associated with Latin music.

**Recommended For:** Teachers grades K through 12

**Hours:** 5

**Capacity:** 25



### **The Write Stuff Workshop**

**Code: Ci2-107**

**Presenter:** Freestyle Repertory Theatre

**Description:** Freestyle Repertory Theatre builds confidence and group skills using the principles of theatrical improvisation. Because one of the most basic rules of improvisation involves accepting and using any idea given, participants are free to create and express themselves – and even make mistakes – without fear of rejection.

**Recommended For:** Teachers grades K through 12

**Hours:** 5

**Capacity:** 30

## 2. Health and Physical Education

**Location:** Overbrook High School Gymnasium/Classrooms  
1200 Turnerville Road, Pine Hill

**Host:** Pine Hill Public Schools

**Time:** 8:00 a.m. – 1:00 p.m.



\* It is recommended that participants dress in comfortable health and physical education clothing.

### Agenda

8:00 a.m. – 8:30 a.m.	Sign-in and refreshments
8:30 a.m. – 9:45 a.m.	Keynote Address Jim McCall, New Jersey Department of Education Coordinator of HPE in New Jersey
9:45 a.m. – 12:45 p.m.	Break Out Sessions (Locations will be distributed during registration)
12:45 p.m. – 1:00 p.m.	Certificates & Final Words

### Wellness and Lifetime Health Strategies for All & The New Fitness Revolution

**Code: Ci2-200**

**Description:** Participants will select up to three of the following breakout sessions to attend.

- Health Lessons on Nutrition for K – 12 students
- Dance
- Cardio Monitoring – Use of heart monitors, pedometers and geo motion
- Wellness Stations - Rick Williams
- Video Conferencing in HPE Classroom
- Project Adventure with Frank Naurath, Sheryl Smith & Maria Miller

**Recommended For:** Health and Physical Education teachers grades K-12

Activities may be geared toward certain grades but can easily be adapted to any grade level.

**Hours:** 5

**Capacity:** 60

### 3. Technology

**Location:** Camden County Educational Technology Training Center  
@ Camden County Technical Schools  
343 Berlin Cross Keys Road, Sicklerville

**Host:** Apple & the ETTC

**Time:** 8:00 a.m. to 1:00 p.m.



#### **iPod and Podcasting for Teaching and Learning**

**Code:** Ci2-300

**Presenter:** Scott Stuart and Joshua Townsend, Apple Computer

**Description:** Many educators and institutions are already integrating podcasting successfully into their curricula – with great results. Podcasting enables educators to use music and recorded audio to enhance learning. The addition of photos and video to podcasting allows educators to add a wide range of visual content to their teaching and address even more learning styles. Podcasting is a powerful tool that allows for communication and distribution of educational content – content that can be synced to iPods for learning on the go. Find out what podcasting is all about, and how you and your students can create your own podcasts to enhance learning.

**Recommended For:** Teachers grades K to 12

**Hours:** 5

**Capacity:** 15

### 4. Media Specialists and Librarians

**Location:** Lindenwold High School  
801 Egg Harbor Rd, Lindenwold

**Host:** EIRC

**Time:** 8:00 a.m. – 3:00 p.m.

*\* Breakfast & Registration from 8:00 a.m. to 8:30 a.m.*



#### **Author Visit for Schools**

**Code:** Ci2-400

**Presenter:** Anne Roth

**Description:** A local author will share her experience and knowledge obtained through school author presentations across the country. Anne will provide information on available authors (locally and nationally known), types of programs available, how to arrange and complete a successful visit, price ranges involved, and tips for funding and grant writing.

**Recommended For:** Media Specialists/Librarians grades Pre-K to 12

**Hours:** 5

**Capacity:** 40

#### **Media-on-Demand Through PowerMediaPlus**

**Code:** Ci2-410

**Presenter:** Mary Anne Cotugno, Director of Camden County AVA

**Description:** A hands-on workshop showing how streamed media (videos, audio files, educational photos, and print resources all tied to NJ Core Curriculum Standards) can be delivered and integrated into the daily curriculum. Participants will be able to view streamed media, create lesson plans, develop assignments, and search a data bank of 15,000 quiz questions. Time will be allotted for participants to work on their own.

**Recommended For:** Media Specialists/Librarians grades Pre-K to 12

**Hours:** 5

**Capacity:** 25



## 5. Nurses

**Location:** Waterford Elementary School  
1106 Old White Horse Pike, Waterford  
**Host:** Waterford Township School District  
**Time:** 8:00 a.m. – 1:30 p.m.



### Agenda

8:00 a.m. – 8:30 a.m.	Registration and Refreshments
8:30 a.m. – 9:30 a.m.	School Nursing Health Updates & Issues related to HIPA and FERPA - Marie Cammarota, RN, C, FNP, Ed.D., Coordinator of School Nurse Program, Rowan University
9:40 a.m. – 10:30 a.m.	Open Forum for School Nurses The How, Where and Why for School Nurses Where to go for all your questions & needs
10:45 a.m. – 11:45 a.m.	Session I
12:00 p.m. – 1:30 p.m.	Session II

### Behind the Bellyache

**Code: Ci2-500**

**Session I:** 10:45 a.m. – 11:45 a.m.

**Presenter:** Rita Marie Giosa, Camden County Health Department

**Description:** The energy required by our students to cope in this rapidly changing world is equal to the energy required by adults. This interactive workshop will focus on why attention to the psychosocial needs of youngsters is critical to the role of the school nurse.

**Hours:** 1

**Capacity:** 25

### School Nutrition: What Is It All About?

**Code: Ci2-510**

**Session I:** 10:45 a.m. – 11:45 a.m.

**Presenter:** Jan Pierce, School Nutrition Coordinator, Waterford Township Public School

**Description:** Studies indicate that the school meal programs do contribute to better nutrition and healthier eating behaviors for children who participate. Competitive foods undermine the nutrition integrity of the programs and discourage participation. School meals make an important contribution to the nutrition of school-aged children.

**Hours:** 1

**Capacity:** 25

### And Then There are the Little Guys

**Code: Ci2-520**

**Session II:** 12:00 p.m. – 1:30 p.m.

**Presenter:** Rita Marie Giosa, Camden County Health Department

**Description:** Health needs in early education have grown with the proliferation of the industry. This workshop is critical to the role of the school nurse.

**Hours:** 1.5

**Capacity:** 25

## **Why Are Our Lunches So Repetitious?**

**Code:** Ci2-530

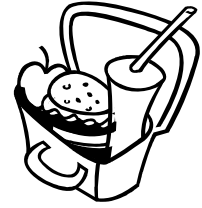
**Session II:** 12:00 p.m. – 1:30 p.m.

**Presenter:** Jan Pierce, School Nutrition Coordinator, Waterford Township Public School

**Description:** Did you ever wonder why school lunches cost so much and why some students don't pay anything? Maybe you are wondering why, when childhood obesity is such a concern, the lunches seem so heavy with carbohydrates and calories? Find out about the new "wellness policy" and how it will impact your school and community. If you have had similar questions or perhaps just want to know what can be done to improve the health and nutrition of our children, bring your questions and ideas to this informative workshop.

**Hours:** 1.5

**Capacity:** 25



## **6. Pupil Personnel Services/Guidance**

**Location:** Camden County College  
CIM Auditorium (Blackwood Campus)

**Host:** Camden County College

**Time:** 9:00 a.m. – 3:00 p.m.

*\*Complimentary lunch will be served*

## **Getting Connected: Preparing Today's Youth for the Challenges of Tomorrow**

**Code:** Ci2-600

**Presenter:** Camden County College Staff

**Description:** This workshop is designed to aid school counselors and personnel in their efforts to academically prepare our youth for the challenges that they may face tomorrow. This workshop will cover the College Now Program, which provides high school juniors and seniors in good academic standing the opportunity to earn college credit for college-level work completed while in high school. The High School Plus, Tech Prep, College Campus Courses, and Prep Express programs will be discussed. Academic advisors and recruiters will be available to answer questions pertaining to admission and enrollment, including general education requirements at Camden County College. Resources and services will be available regarding assisting students in developing realistic educational goals. There will also be a tour of the campus in the afternoon.

**Recommended For:** Guidance Counselors grades 9 through 12

**Hours:** 5

**Capacity:** 40



## 7. History/Social Studies

**Location:** University of Pennsylvania Museum  
(Transportation will be provided)

**Host:** Camden County College

**Time:** 9:00 a.m. – 3:00 p.m.



### King Tut and the Amarna Period in Ancient Egypt

**Code:** Ci2-700

**Description:** Energize your classes. Preview Penn Museum's newest exhibition *Amarna: Ancient Egypt's Place in the Sun* and learn about Egypt during the Amarna Period (Circa 1353-1336 BCE). Tutankhamun, Ancient Egypt's famous boy pharaoh, grew up 3300 years ago in the royal court at Amarna, the ancient city of Akhet-aten, whose name meant the *Horizon of the Aten*. This extraordinary royal city grew, flourished, and vanished in hardly more than a generation's time. Our speakers will examine the religious, artistic, and cultural changes that took place during the reigns of the famous pharaohs Akhetaten and his probable son Tutankhamun. They will also discuss methods for effectively introducing this material to your students. Participants from New Jersey will receive professional development certificates.

**Fee:** \$40.00 (lunch included), payable to the **Trustees of the University of Pennsylvania** and mailed to:

Loni Smith  
Camden County College, Division of School & Community Academic Programs  
PO Box 200  
College Drive  
Blackwood, NJ 08012

### Agenda

9:00 a.m.	Welcome
9:10 a.m.- 10:30 a.m.	Gallery Tour
10:45 a.m. - 12:00 p.m.	Introduction to Ancient Egypt - Kate Liszka
12:00 p.m. - 1:00 p.m.	Lunch Provided
1:00 p.m. - 2:15 p.m.	Presentation – Jack Pesda
2:15 p.m. - 2:30 p.m.	Evaluation and Departure

\*A free bus will be available from Camden County College's Blackwood Campus departing for the Museum at 8:00 a.m. **Participants must register if they intend to take the bus.** Teachers who plan to drive can find driving directions and parking instructions at [www.museum.upenn.edu](http://www.museum.upenn.edu)

**Recommended For:** History/Social Studies teachers grades 5 through 12

**Hours:** 5

**Capacity:** 30

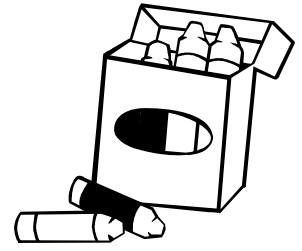
## 8. Early Childhood Education

**Location:** Clementon Elementary School  
4 Audubon Avenue, Clementon

**Host:** Clementon School District

**Time:** 8:00 a.m. – 1:00 p.m.

*\*Registration and refreshments from 8:00 a.m. to 8:30 a.m.*



### **Creation Celebration: The “Why and How” of Ensuring Best Practice in the Creative Arts**

**Code:** Ci2-800

**Presenter:** Elizabeth Vaughn, New Jersey Department of Education

**Description:** This hands-on interactive workshop is based on the most recent research on how and why the creative arts positively influence cognitive and academic success in the preschool classroom. Teachers will have an opportunity to explore methods that encourage rich creative arts experiences throughout the preschool day.

**Recommended For:** All early childhood education teachers

**Hours:** 5

**Capacity:** 30

## 9. NJ ASK 4, GEPA & HSPA Science

**Location:** Haddon Heights High School

**Host:** Haddon Heights

**Time:** 8:00 a.m. – 1:00 p.m.

### **Agenda**

8:00 a.m. – 8:30 a.m.	Registration and Refreshments
8:30 a.m. – 9:15 a.m.	Keynote address – Stephen Goldman
9:15 a.m. – 11:45 a.m.	Workshop
11:45 a.m. – 12:30 p.m.	Lunch
12:30 a.m. – 3:00 p.m.	Workshop

### **Setting the Standards – Science**

**Code:** Ci2-900

**Presenter:** Stephen Goldman, Science Coordinator, New Jersey Department of Education

**Description:** With the likelihood of Science becoming part of the No Child Left Behind (NCLB) accountability system, Stephen Goldman, Science Coordinator for the New Jersey Department of Education, will be delivering information sessions regarding the Science standards that are linked to NJASK-4, GEPA, and HSPA. Each session will be designed to assist districts in aligning their curriculum and instruction in order to allow student success on each of the science sections of the state assessment.

**Recommended For:** Teachers grades 4 through 12

**Hours:** 5

**Capacity:** 40

## 10. Science

**Location:** Audubon High School, 350 Edgewood Avenue, Audubon

**Host:** Audubon School District

**Time:** 8:00 a.m. to 2:15 p.m.

### Agenda

8:00 a.m. – 8:30 a.m. Registration and Refreshments

8:30 a.m. – 2:15 p.m. Workshop Sessions



### BIOLOGICAL SCIENCES

#### Code: Ci2-1000

##### **Field Trip – Philadelphia Zoo – Adaptations and Survival**

**Presenter:** Lynn Parrucci

**Description:** Explore a variety of habitats and specific adaptations that plants and animals use for survival. Learn games and hands-on activities that offer exciting ways to build an understanding of environmental and ecology standards. After the classroom sessions, participants are provided with lunch and allowed to tour the Philadelphia Zoo.

**Recommended For:** Teachers grades 3 through 12

**Hours:** 4

**Capacity:** 24

#### Code: Ci2-1001

##### **Field Trip – NJ Audubon Society – Cape May**

**Description:** Join the NJ Audubon Society staff for a day of bird migration. After an introduction about the importance of New Jersey's habitats to migratory species, we will spend the rest of the day looking for and learning how to identify migratory raptors and seabirds. The group will discuss various options for including migratory field studies into the high school curricula.

Be prepared to be outdoors and bring binoculars if you have them. Bus leaves promptly at 8:00 a.m. Lunch will be provided for you.

**Recommended For:** Teachers grades 3 through 12

**Hours:** 4

**Capacity:** 12

#### Code: Ci2-1003

##### **Labs, Labs & More Labs for High School Science**

**Presenter:** Pat Wenzl, Senior Science Consultant for Holt, Rinehart and Winston Educational Publishing

**Description:** New labs for every high school science class you teach! Make learning fun with the latest labs for Biology, Chemistry, Physical Science, and now Forensic Science. Complimentary materials and handouts will be provided.

**Recommended For:** Teachers grades 9 through 12

**Hours:** 4

**Capacity:** 12

**Code: Ci2-1002**

**Insectarium – Roadshow**

**Description:** Investigate the “Biology of Insects” and “How Insects Affect Our Environment” as the Insectarium ([www.insectarium.com](http://www.insectarium.com)) brings its live and preserved insects from around the world to you.

**eBoard – Free eBoard for 1 year for participants**

**Description:** Take advantage of the power of the Internet to enhance your classroom!

- All participants will be provided with a free one-year subscription to eBoard.
- eBoard is a web-based application to support school districts dedicated to teaching and learning. Intuitive and easy-to-use, eBoard has powerful capabilities in three key areas: communication, technology Integration, and instruction.
- During this session, participants will have the opportunity to create a web page using eBoard. In less than 5 minutes, you will have an eBoard created and be ready to begin posting web links, attaching documents, adding your schedule and events to the calendar, and creating an online discussion. Add a new dimension to your classroom with online debates, literature collaboratives, online simulations, and other e-learning activities.
- Teachers around the world use eBoard to (a) increase communication with parents and students anytime, anywhere, (b) infuse technology in the daily part of the routine school experience of students, (c) differentiate instruction by posting activities at a variety of ability levels, (d) prepare students with 21st century skills accessing online instructional content, and (e) build online learning communities among teachers.

**Tri- State Bird & Rescue**

**Description:** How does an oil spill actually impact wildlife and the environment? Try your hand at cleaning up an oil spill, and see what it takes to remove contaminants from a bird’s feather. This session will explore how oil behaves in the environment and why spilled oil can be dangerous to wildlife.

**Recommended For:** Teachers grades 3 through 12

**Hours:** 4

**Capacity:** 12

**Code: Ci2-1004**

**Correlating the NJ Science Standards with the Assessments: Learning How to Use the Resources**

**Presenter:** Mike Heinz, Science Coordinator for the NJDOE Office of Academic & Professional Standards

**Description:** This workshop focuses on the NJ Core Curriculum Content Standards and how they can be used to develop and align curriculum. The session examines the scope and sequence of the standards, inquiry-based models, and problem-based learning. Participants will use the standards and test specifications to focus instruction and will identify other resources to improve student achievement in science.

**Recommended For:** Teachers grades 7 through 12

**Hours:** 4

**Capacity:** 15

## CHEMISTRY

**Code: Ci2-1005**

### **Polymers**

**Presenter:** Dr. David Teegarden, Eastman Kodak

**Description:** In this session, you will learn about the very large molecules that make up plastics and other polymers, where they come from, and why they have such unusual properties. You will have the opportunity to explore a number of demonstrations and laboratory experiments that exploit some of their dramatic properties. At the end of your session, you will have sufficient information and materials to incorporate polymers in your classes and to turn your students on to this fascinating and important state of matter.

### **eBoard – Free eBoard for 1 year for participants**

**Description:** Take advantage of the power of the Internet to enhance your classroom!

- All participants will be provided with a free one-year subscription to eBoard.
- eBoard is a web-based application to support school districts dedicated to teaching and learning. Intuitive and easy-to-use, eBoard has powerful capabilities in three key areas: communication, technology Integration, and instruction.
- During this session, participants will have the opportunity to create a web page using eBoard. In less than 5 minutes, you will have an eBoard created and be ready to begin posting web links, attaching documents, adding your schedule and events to the calendar, and creating an online discussion. Add a new dimension to your classroom with online debates, literature collaboratives, online simulations, and other e-learning activities.
- Teachers around the world use eBoard to (a) increase communication with parents and students anytime, anywhere, (b) infuse technology in the daily part of the routine school experience of students, (c) differentiate instruction by posting activities at a variety of ability levels, (d) prepare students with 21st century skills accessing online instructional content, and (e) build online learning communities among teachers.

**Recommended For:** Teachers grades 9 through 12

**Hours:** 4

**Capacity:** 15

**Code: Ci2-1003**

### **Labs, Labs & More Labs for High School Science**

**Presenter:** Pat Wenzl, Senior Science Consultant for Holt, Rinehart and Winston Educational Publishing

**Description:** New labs for every high school science class you teach! Make learning fun with the latest labs for Biology, Chemistry, Physical Science, and now Forensic Science. Complimentary materials and handouts will be provided.

**Recommended For:** Teachers grades 9 through 12

**Hours:** 4

**Capacity:** 12

**Code: Ci2-1006**

**POGIL – “Process Oriented Guided Inquiry Learning”**

**Presenter:** Rick Moog, Franklin & Marshall College, Lancaster, PA

**Description:**

- POGIL is a student-centered active learning instructional approach based on the current understanding of how students learn best. The POGIL approach involves creating a learning environment where students are actively engaged in mastering a discipline and in developing essential skills by working in self-managed teams on guided inquiry activities. These materials guide the students through the development of concepts and principles, and also problem solving approaches. In addition to promoting more effective understanding and mastery of course content, another focus of POGIL is on the development of important student process skills in areas such as information processing, critical thinking, problem solving, teamwork, and communication. The workshop will include a general introduction to this approach.
- There will also be discussion of the pedagogic basis of this method and typical student responses and performance. The emphasis, however, will be on the engagement of the participants in demonstrations of the POGIL group learning experience. Although the specific examples will likely be drawn from chemistry, the workshop will be relevant and accessible to faculty in any area of math or science.
- POGIL is partially funded through a grant from the NSF’s Course Curriculum, and Laboratory Improvement Program under grant DUE-0231120.

**Recommended For:** Teachers grades 9 through 12

**Hours:** 4

**Capacity:** 16

**Code: Ci2-1004**

**Correlating the NJ Science Standards with the Assessments: Learning How to Use the Resources**

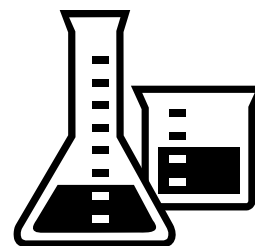
**Presenter:** Mike Heinz, Science Coordinator for the NJDOE Office of Academic & Professional Standards

**Description:** This workshop focuses on the NJ Core Curriculum Content Standards and how they can be used to develop and align curriculum. The session examines the scope and sequence of the standards, inquiry-based models, and problem-based learning. Participants will use the standards and test specifications to focus instruction and will identify other resources to improve student achievement in science.

**Recommended For:** Teachers grades 7 through 12

**Hours:** 4

**Capacity:** 15





## PHYSICAL SCIENCE

**Code: Ci2-1007**

**CPO Science Company**

**Presenter:** CPO Science representative

**Description:** Perform the following labs with a consultant from CPO Science: Light & Optics, Sound & Waves, and the Electric Motor. Founded by teachers and scientists with a passion for learning, CPO Science develops, publishes, manufactures, and sells high quality inquiry-based teaching and learning systems for science in grades 6 through 12. We bring concepts to life for students through a wide range of materials including basal textbook programs, supplemental curriculum, and hands-on lab equipment for teaching physical science, physics, earth science, and chemistry.

**Recommended For:** Teachers grades 6 through 12

**Hours:** 4

**Capacity:** 15

**Code: Ci2-1008**

**USS Battleship New Jersey**

**Description:** Participants will receive hands-on experience with the simple machines that are a part of everyday life on a 45,000-ton battleship. Teachers will explore topics such as mechanical advantage while learning how to lift a 1,900 lb. projectile with the use of block and tackle. Motion and forces are also addressed by using the Big J's 16" guns, demonstrating how sailors could hit a target 23 miles away without the use of modern day computers. A tour of the ship and lunch are included.

**Recommended For:** Teachers grades 3 through 12

**Hours:** 4

**Capacity:** 15

**Code: Ci2-1009**

**Catapults – Build Your Own**

**Presenter:** Barbara Lorenzon, Drexel University

**Description:** Using the study of catapults, participants will engage in activities using catapults and implement inquiry skills for student research.

**3 for 1**

**Presenter:** Daryl Taylor, Paemst '96, IEOTY '03, NASA Astrophysics Educator Ambassador

**Description:** Join Daryl Taylor for three entertaining and informative workshops: "Science Demos Without All the Science Equipment", "NASA in Your Classroom", and "What's All This Inquiry Bru-Ha-Ha?"

**Recommended For:** Teachers grades 3 through 12

**Hours:** 4

**Capacity:** 15

**Code: Ci2-1003**

**Labs, Labs & More Labs for High School Science**

**Presenter:** Pat Wenzl, Senior Science Consultant for Holt, Rinehart and Winston Educational Publishing

**Description:** New labs for every high school science class you teach! Make learning fun with the latest labs for Biology, Chemistry, Physical Science, and now Forensic Science. Complimentary materials and handouts will be provided.

**Recommended For:** Teachers grades 9 through 12

**Hours:** 4

**Capacity:** 12

**Code: Ci2-1004**

**Correlating the NJ Science Standards with the Assessments: Learning How to Use the Resources**

**Presenter:** Mike Heinz, Science Coordinator for the NJDOE Office of Academic & Professional Standards

**Description:** This workshop focuses on the NJ Core Curriculum Content Standards and how they can be used to develop and align curriculum. The session examines the scope and sequence of the standards, inquiry-based models, and problem-based learning. Participants will use the standards and test specifications to focus instruction and will identify other resources to improve student achievement in science.

**Recommended For:** Teachers grades 7 through 12

**Hours:** 4

**Capacity:** 15

## EARTH & ENVIRONMENTAL SCIENCES

**Code: Ci2-1010**

### **NASA Goddard Space Flight Center – Hurricanes!**

**Presenter:** John Weis, Aerospace Education Specialist

**Description:** Join John Weis from NASA's Goddard Space Flight Center from Washington, D.C.



### **PASCO – XPLOERER GLX**

**Presenter:** Brian McKinney, PASCO Scientific

**Description:** Investigate powerful science instruction with PASCO's new XPLOERER GLX. Get your hands on the newest innovation in science datalogging – the XPLOERER GLX. The GLX is equipped for remote graphing and stand-alone analysis without a computer. Join the session to see how PASPORT probeware can help your students gain a deeper understanding of science.

### **CCMUA**

**Presenter:** Bob Lentine

**Description:** Join Bob Lentine, Assistant Chief Sanitary Inspector for Environmental Health in activities researching air quality testing.

### **What Creates Wind and How It Affects Weather/Climate**

**Presenter:** Kevin Kolans

**Description:** Join this hands-on activity involving maritime tropical, maritime polar, continental polar and continental tropical air mass.

**Recommended For:** Teachers grades 3 through 12

**Hours:** 4

**Capacity:** 12

**Code: Ci2-1011**

### **US Geological Survey - Hydrogeology**

**Presenter:** Pierre Lacombe, USGS

**Description:** Join Pierre Lacombe in a day of hands-on activities designed around hydrogeology, local aquifers and investigation of hands-on samples

**Recommended For:** Teachers grades 3 through 12

**Hours:** 4

**Capacity:** 12

**Code: Ci2-1012**

**Field Trip and Lab Activities**

**CMUA**

**Description:** Take a hands-on tour of the CCMUA's Delaware One Wastewater Treatment Facility that includes hands-on activities in the lab, a walk-through of the main plant with a liquid oxygen demonstration and contact with professionals in various areas of plant operations including laboratory, pretreatment, computer and operations staff.

**PASCO – XPLOER GLX**

**Presenter:** Brian McKinney, PASCO Scientific

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**Recommended For:** Teachers grades 3 through 12

**Hours:** 4

**Capacity:** 12

**Code: Ci2-1003**

**Labs, Labs & More Labs for High School Science**

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**Description:** New labs for every high school science class you teach! Make learning fun with the latest labs for Biology, Chemistry, Physical Science, and now Forensic Science. Complimentary materials and handouts will be provided.

**Recommended For:** Teachers grades 9 through 12

**Hours:** 4

**Capacity:** 12

**Code: Ci20-1004**

**Correlating the NJ Science Standards with the Assessments: Learning How to Use the Resources**

**Presenter:** Mike Heinz, Science Coordinator for the NJDOE Office of Academic & Professional Standards

**Description:** This workshop focuses on the NJ Core Curriculum Content Standards and how they can be used to develop and align curriculum. The session examines the scope and sequence of the standards, inquiry-based models, and problem-based learning. Participants will use the standards and test specifications to focus instruction and will identify other resources to improve student achievement in science.

**Recommended For:** Teachers grades 7 through 12

**Hours:** 4

**Capacity:** 15

## 11. Economics and Middle School Mathematics

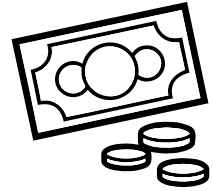
**Location:** Bell Oaks Upper Elementary School, 256 Anderson Ave, Bellmawr

**Host:** Bellmawr School District

**Time:** 8:00 a.m. – 3:00 p.m.

### Agenda

8:00 a.m. – 8:30 a.m.	Registration and Refreshments
8:45 a.m. – 11:45 a.m.	Workshop
11:45 a.m. – 12:30 p.m.	Lunch
12:30 p.m. – 3:00 p.m.	Workshop



## Economics and Middle School Mathematics

**Code:** Ci2-1100

**Presenter:** Federal Reserve economic education specialists

**Description:** This one-day development program trains middle school teachers to teach economic concepts such as scarcity, opportunity cost, demand and supply, budgeting, and saving by using mathematics. Emphasis is placed on active and collaborative learning methodologies. Teachers will receive a set of 12 lessons for immediate use in their classrooms.

**Recommended For:** Math, Social Studies and Consumer Science teachers grades 5 through 8

**Hours:** 5

**Capacity:** 30

## 12. Special Education Assistive Technology

**Location:** Mary Volz School, 505 W Third Ave, Runnemede – Music Room

**Host:** Runnemede School District

**Time:** 8:30 a.m. – 1:00 p.m.

### Assistive Technology Overview

**Code:** Ci2-1200

**Presenter:** Bud Rizer, New Jersey Division of Children and Families

**Description:** This workshop provides attendees with an overview of assistive technology, including definitions and applicable legislation, followed by the presentation of a systematic framework for decision-making in assistive technology during the IEP process. Participants learn about distinct categories of assistive technology, specific performance areas where assistive technology has proven to be effective, and the importance of assistive technology services in the process of identifying the role and function of specific assistive technology devices.

**Recommended For:** All teachers with special education students

**Hours:** 5

**Capacity:** 30

### 13. Related Science Workshop at Mütter Museum

**Location:** Camden County College/ Mütter Museum

**Host:** Camden County College

**Time:** 8:00 a.m. – 3:00 p.m.

#### **On Human Variation: Genetics, Nutrition and Medical Anomalies**

**Code: Ci2-1300**

**Description:** Add excitement to your science and health classes by participating in this workshop at the Mütter Museum of the College of Physicians of Philadelphia. This institution was founded to educate and enlighten physicians and the public about our medical past and what it means to be human. The workshop will begin with a tour of the collection of over 20,000 unforgettable objects that includes anatomical and pathological models, memorabilia of famous scientists, medical illustrations, instruments, photographs, prints and portraits including the plaster cast of the torso of the famous conjoined twins Chang and Eng and much more.

This workshop will explore the causes of human variation and explore topics such as dwarfism, conjoined twins, rickets and their relationship to genetics and nutrition.

Teachers will receive educational materials for use in the classroom, appropriate for grades 3-4, 5-8, and 9-12 including health classes. Participants will receive professional development certificates.

**Fee: \$35** payable to the **Mütter Museum of the College of Physicians** and mailed to:

Loni Smith

Camden County College, Division of School & Community Academic Programs

PO Box 200

College Drive

Blackwood, NJ 08012

#### **Agenda**

8:00 a.m.	Board the bus at Camden County College*
9:30 a.m.	Welcome
9:30 a.m. - 11:00 a.m.	Gallery Tour
11:15 a.m. - 12:00 p.m.	On Human Variation Workshop Part #1
12:00 p.m. - 1:00 p.m.	Lunch on your own
1:00 p.m. - 2:00 p.m.	On Human Variation Workshop Part #2
2:15 p.m.	Departure

*\*A free bus will be available from Camden County College's Blackwood Campus departing for the Mütter Museum at 8 a.m. on November 7. **Participants must register to take the bus.** Teachers who plan to drive will receive directions.*

**Recommended For:** Science and Health teachers grades 3 through 12

**Hours:** 5

**Capacity:** 30

**Related Science Workshop at NJ Academy for Aquatic Sciences**

**Code: Ci2-1310**

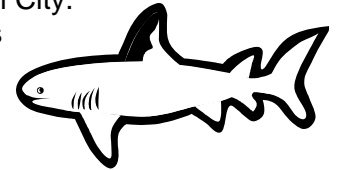
**Location:** Camden County College/NJ Academy for Aquatic Sciences

**Host:** Camden County College

**Time:** 9:00 a.m. (departure) – 3:00 p.m.

**Sharks and Putting Science Back Into Your Curriculum**

**Description:** Start your professional development day with a behind-the-scenes tour of the newly expanded New Jersey Academy for Aquatic Sciences in Camden City. Two engaging workshops are designed to add zest to your science classes regardless of which level you teach. Participants will receive professional development certificates.



**Sharks!**

**Description:** Sharks can prove to be a powerful teaching tool in any science classroom. Whether you're teaching about adaptations, senses, food chains, conservation or anatomy, you can use your students' interest in this often-misunderstood predator to foster excitement in a variety of science topics. Arrangements can be made to swim with the sharks at some future date.

**Putting Science Back into Your Curriculum**

**Description:** With the current focus on high stakes testing, many teachers are looking for creative ways to combine science with other disciplines. Using curriculum designed with this in mind, this hands-on workshop will give you ideas on how to bring science into your math, language arts, and social studies classes.

**Fee: \$42.00** payable to the **N.J. Academy for Aquatic Sciences** and mailed to:

Loni Smith  
Camden County College, Division of School & Community Academic Programs  
PO Box 200  
College Dr.  
Blackwood, NJ 08012

Directions and parking information will be provided to participants.

**Agenda**

9:30 a.m.	Arrival and Welcome
9:45 a.m. -10:45 a.m.	Guided Tour
11:00 a.m. -12:30 p.m.	Sharks Workshop
12:30 p.m. -1:00 p.m.	Lunch in Cafeteria (Participants pay)
1:00 p.m. -2:30 p.m.	Putting Science Back in Your Curriculum Workshop

*\*Teachers who wish to do so may spend free time in the Aquarium*

**Recommended For:** Science and Health teachers grades K through 12

**Hours:** 5

**Capacity:** 40

## **14. Art, Music, Special Education and Suicide Prevention**

**Location:** Voorhees Middle School, Holly Oak Drive, Voorhees

**Host:** Voorhees Township School District

**Time:** 8:30 a.m. – 1:30 p.m.

\*Parking is available at Eastern Regional High School, Laurel Oak Road, Voorhees. Shuttle buses will run to the middle school between 8:00 a.m. and 8:15 a.m. and will return to Eastern HS promptly at 1:30 p.m.

**“The Miracle Happens in the Classroom”**, a series of professional development activities, will be hosted at Voorhees Middle School to support teacher collaboration and meeting the social/emotional and instructional needs of pre-school through grade 8 students.

### **Agenda**

8:00 a.m. – 8:15 a.m.	Board shuttle buses at Eastern Regional High School
8:15 a.m. – 8:35 a.m.	Refreshments
8:45 a.m. – 9:45 a.m.	Keynote: “Differentiated Classrooms” – Dr. Carol O’Connor
10:00 a.m. – 11:30 a.m.	Session I
11:30 a.m. – 11:50 a.m.	Refreshments
12:00 p.m. – 1:30 p.m.	Session II

#### **K-8 Art Teachers**

**Code: Ci2-1400**

**Presenter:** Phyllis Annette and Carol O’Connor

**Description:** Join fellow art teachers and Phyllis Annette, a consultant from a local art house for a dynamic ninety-minute program of hands-on ideas to spark creativity and skill development that you can immediately use in your classroom. Also meet Carol O’Connor, an ASCD keynote speaker, who will launch our program with ideas for teaching and assessing students within a Differentiated Instruction classroom. Participants will also have an opportunity to fulfill 1.5 of the new two-hour requirement for suicide prevention.

**Recommended For:** Art Teachers grades K through 8

**Hours:** 4

**Capacity:** 7

#### **K-8 General and Instrumental Music Teachers**

**Code: Ci2-1410**

**Presenter:** Dr. Jackie Lew

**Description:** Join fellow music teachers and Dr. Jackie Lew, a professor at Salisbury University, for a musical experience incorporating movement in your classroom. Jackie is returning again this year after rave reviews. Begin your day with Carol O’Connor, an ASCD keynote speaker, who will launch our program with ideas for teaching and assessing students within a Differentiated Instruction classroom. Participants will also have an opportunity to fulfill 1.5 of the new two-hour requirement for suicide prevention.

**Recommended For:** Music Teachers grades K through 8

**Hours:** 4

**Capacity:** 15



**Special Education Teachers Workshop**  
**Introduction to Dysgraphia and Handwriting Without Tears**

**Code: Ci2-1420**

**Presenter:** Patricia Slager, Learning Disability Teacher/Consultant and Wendy Spivack, OTR/L

**Description:** Have you ever had a child who has an aversion to writing that is absolutely interfering with his/her ability to compose a paragraph? It may be that the child has Dysgraphia. Do your students form letters upside down or backwards? Are they having difficulty spacing letters when writing and pushing words together when writing?

*Handwriting Without Tears* is a program that has an excellent "track record" when it comes to remediating or teaching handwriting skills.

**Recommended For:** Teachers grades K through 12

**Hours:** 1.5

**Capacity:** 15



**Camden County  
Professional Development Day  
for Special Area Educators**

**Tuesday, November 7, 2006**

**How to Register:**

1. The Visual Arts & The Performing Arts
2. Health and Physical Education
3. Technology
4. Media Specialists/Librarians
5. Nurses
6. Pupil Personnel Services/Guidance
7. History and Social Studies
8. Early Childhood Education
9. NJ ASK 4, GEPA & HSPA Science
10. Science
11. Economics and Middle School Mathematics
12. Special Education, Assistive Technology
13. Related Science Workshops at Museums
14. Art, Music, Special Education, and Suicide Prevention

**Choose any of these three easy steps to register:**

**Step 1:** Register electronically on the ETTC web site at [www.njettc.org](http://www.njettc.org)

**Step 2:** Fax your registration form to the ETTC at 856-753-4879

**Step 3:** Mail your registration form to:  
Camden County ETTC  
343 Berlin Cross Keys Road  
Sicklerville, NJ 08081

**Please be sure to follow your district policy for registering for  
professional development activities.**

**All registrations must be received by **Wednesday October 18, 2006.****

**Host sites will send confirmations and directions for the workshops by  
October 31.**

**Thank you for your participation in this exciting county initiative.**

Camden County  
Professional Development Day  
for Special Area Educators



Tuesday, November 7, 2006

Registration Form

**First Choice:**

Workshop Title: \_\_\_\_\_

Workshop Code: \_\_\_\_\_ Location: \_\_\_\_\_

**Second Choice:**

Workshop Title: \_\_\_\_\_

Workshop Code: \_\_\_\_\_ Location: \_\_\_\_\_

Participant Name: \_\_\_\_\_

Special Area: \_\_\_\_\_

School District: \_\_\_\_\_

School: \_\_\_\_\_

School Phone: \_\_\_\_\_ Extension: \_\_\_\_\_

School Fax #: \_\_\_\_\_ Home Phone: \_\_\_\_\_ (for emergency only)

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