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PIRC
PA PARENT INFORMATION & RESOURCE CENTER





**Pennsylvania Parent Information and Resource Center
Online Lunchtime Learning Series**


College and Career Readiness


Presenter:
Rosemary Nilles M.Ed. BCBA
Educational Consultant
Pennsylvania Training and Technical Assistance Network (PaTTAN)

Wednesday, June 22, 2011
12:00 p.m. to 12:40 p.m. EDT


 Center for Schools & Communities Online Learning

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**Lunchtime
Learning
Series**

 PENNSYLVANIA
PIRC



Moderator for Today's Session



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Housekeeping Notes

- **Question & Answer Opportunities**
We encourage you to ask questions using the text messaging (Chat) feature.
- **Recording of Session and Slides**
A link to the recording of today's session as well as the PowerPoint presentation (in PDF format) will be available within 3 days. You are welcome to view the recording and the PowerPoint at your leisure.

<http://www.center-school.org/pa-pirc>
- **Online Evaluation**
A brief online evaluation will be presented at the conclusion of today's session. Your feedback is important to us. Please take a few minutes to complete the evaluation.



Participant Information

- **Using the text messaging (Chat) feature, please provide the following information:**
 - The full name of all participants who are joining us but did NOT register for today's session. If available, please also provide their email addresses.

Example: Caroline Allen – callen@csc.csiu.org



Lunchtime Learning Series

- Support parents to:
 - Guide children's educational path
 - At home
 - In school
 - In the community
 - Participate in education partnerships
 - Advocate successfully for all children



Presenter for Today's Session



Rosemary Nilles, M.Ed. BCBA

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College and Career Readiness

PAPIRC

Lunchtime Learning Webinar

June 21, 2011

Rosemary Nilles
PaTTAN Pittsburgh



Pennsylvania Training and Technical Assistance Network

PaTTAN's Mission

The mission of the Pennsylvania Training and Technical Assistance Network (PaTTAN) is to support the efforts and initiatives of the Bureau of Special Education, and to build the capacity of local educational agencies to serve students who receive special education services.

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PDE's Commitment to Least Restrictive Environment (LRE)

Our goal for each child is to ensure Individualized Education Program (IEP) teams begin with the general education setting with the use of Supplementary Aids and Services before considering a more restrictive environment.

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Today's Session

- Why is College and Career Readiness an important topic for parents and educators?
- What is Pennsylvania doing to build College and Career Readiness for our students?
- What can parents do to support the efforts of the schools?

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Why is
College and Career Readiness
an important topic
for
parents and educators in
Pennsylvania?



Pennsylvania Training and Technical Assistance Network

Beginning with the end in mind...

We strive to ensure that each student:

- Is proficient in core subjects
- Graduates from high school, ready for post-secondary education & career
- Achieves equitable outcomes, regardless of background, condition or circumstances



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Did you know....

- In today's economy, all students must graduate from high school ready to succeed in college and their careers
- Two-thirds of all new jobs created in the United States require at least some postsecondary education



Georgetown University, 2010.
<http://www9.georgetown.edu/grad/gppi/hpi/cew/pdfs/FullReport.pdf>

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Did you know....

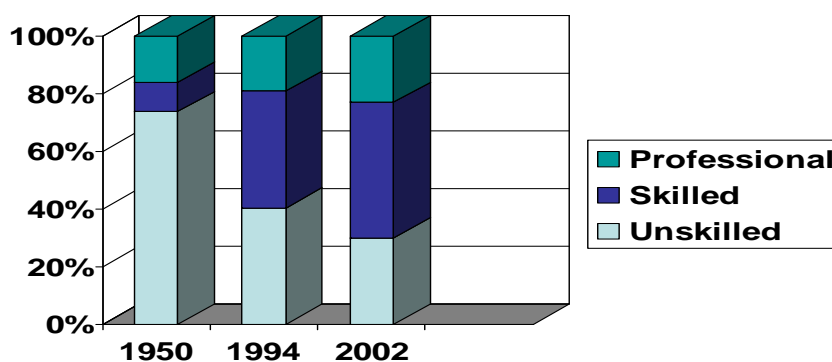
Pennsylvania and the nation need more college graduates.

By 2018, the nation will need to increase the number of postsecondary degrees conferred by about 10 percent annually in order to meet workforce demands.

A. Carnevale, N. Smith, and J. Strohl, *Help Wanted: Projections of Jobs and Economic Requirements Through 2018* (Washington, DC: Georgetown Center on Education and the Workforce, 2010), cited in *Accelerating the College and Career Readiness of Pennsylvania's Students*, Alliance for Excellent Education, May 2011

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Why? The new economy

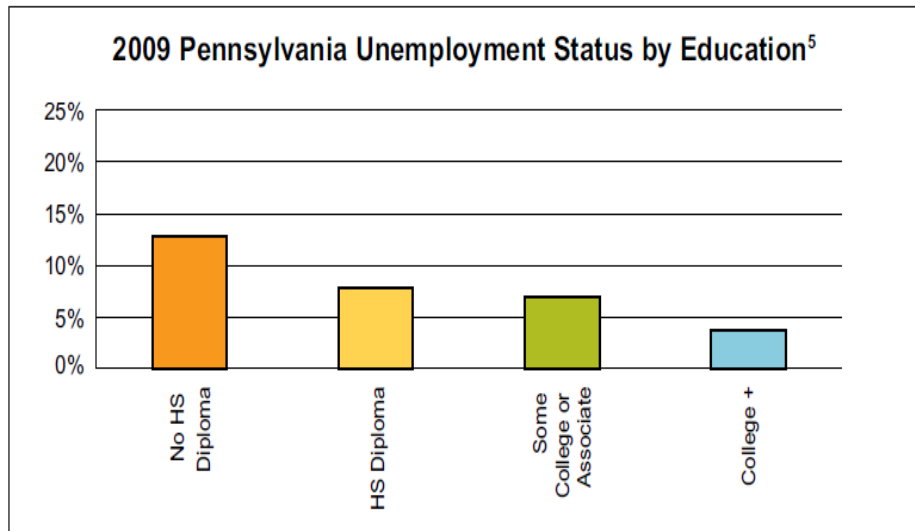


• About 70% of jobs in Pennsylvania require advanced skills, compared to 27% in 1950

**Source: U.S. Bureau of Census and PA Dept of Labor and Industry, Center for Workforce Information and Analysis

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HIGHER LEVELS OF COLLEGE AND CAREER READINESS EQUALS HIGHER EMPLOYMENT



U.S. Bureau of Labor Statistics, 2010.

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Predictors of Future Job Success

Skills valued by today's employers:

- Work Ethic 80%
- Collaboration 75%
- Good Communication 70%
- Social Responsibility 63%
- Critical Thinking & Problem Solving 58%



PARTNERSHIP FOR 21ST CENTURY SKILLS 18

Common Areas of Deficiency

Areas of deficiency noted by employers:

- Written Communication 81%
- Leadership 73%
- Work Ethic 70%
- Critical Thinking & Problem Solving 70%
- Self-Direction 58%



PARTNERSHIP FOR 21ST CENTURY SKILLS 19

Students Need 21st Century Learning Skills



PARTNERSHIP FOR 21ST CENTURY SKILLS

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21st Century Learning Skills

- Core academic subjects - “*The Three Rs*”
- 21st century interdisciplinary themes
- Learning and Innovation Skills - “*The Four Cs*”
 - Critical Thinking and Problem Solving Skills
 - Communication Skills
 - Creativity and Innovation Skills
 - Collaboration Skills
- Information, Media and Technology Skills
- Life and Career Skills



PARTNERSHIP FOR
21ST CENTURY SKILLS

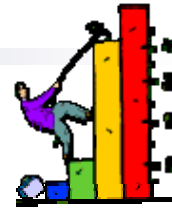


What is
Pennsylvania doing
to build
College and Career Readiness
for
our students?



Pennsylvania Training and Technical Assistance Network

Preparing Our Students



- Pennsylvania is preparing its students and workforce with the skills and knowledge required to compete in a global economy.
- The Standards-Aligned System (SAS) is one of the most critical components to support teaching and learning that results in increased student achievement and preparation for life after high school.

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Pennsylvania's Standards-Aligned System (SAS)



www.pdesas.org/

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Pennsylvania's SAS Web Portal

www.pdesas.org

Clear Standards Fair Assessments Curriculum Framework Instruction Materials & Resources Interventions

Standards Aligned System
is a comprehensive approach to support student achievement across the Commonwealth.

PENNSYLVANIA GRADUATION REQUIREMENTS
Visit the new [PA graduation requirements](#) section on SAS for the latest information and resources.

SAS PORTAL SITE UPDATES
5/12/2011 Professional Development Courses Available for Act 48 Credit in the SAS PD Center

Registered Users Online: **42**
Total Page Views: **13,664,401**

Clear Standards

- Describe what students should know and be able to do
- Provide the framework for learning
- Build on information learned previously
- Form a continuum of learning that assures consistent and linked learning
- Increase in complexity and sophistication as students progress through school



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13 Standards Areas for 3-12

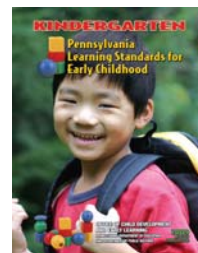
- | | |
|---|--|
| 1. Reading, Writing, Listening, Speaking* | 7. Geography |
| 2. Mathematics* | 8. History |
| 3. Science and Technology and Engineering Education | 9. Arts and Humanities |
| 4. Environment and Ecology | 10. Health, Safety, and Physical Education |
| 5. Civics and Government | 11. Family and Consumer Sciences |
| 6. Economics | 12. World Languages (proposed) |
| | 13. Career Education and Work |

*Includes Alternate Standards

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Addressing Needs of All Learners

- Pennsylvania Early Childhood Standards for
 - Infant and Toddler
 - Pre-Kindergarten
 - Kindergarten
 - First Grade
 - Second Grade
- Pennsylvania English Language Proficiency Standards
- Interpersonal Skills Standards (draft)



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Pennsylvania Career Education & Work Standards:



The Career Education and Work Standards, Chapter 4 of Title 22, are part of the State Board of Education's regulations of required education for all students in Pennsylvania.

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Career Education & Work Standards

Pennsylvania's Career Education and Work (CEW) Standards describe what students should know and be able to do at four grade levels (3, 5, 8 and 11) in four areas:

- 13.1- Career Awareness and Preparation
- 13.2- Career Acquisition (Getting a Job)
- 13.3- Career Retention and Advancement
- 13.4- Entrepreneurship

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Examples of Skills Addressed in CEW Standards

| Career Awareness and Preparation | Career Acquisition (Getting a Job) | Career Retention and Advancement | Entrepreneurship |
|--|--|---|---|
| <ul style="list-style-type: none"> Abilities and Aptitudes Personal Interests Career Choices Relating School Subjects to Careers Local Career Preparation Opportunities | <ul style="list-style-type: none"> Speaking and Listening in Conversations Interviewing Skills Resources Workplace Skills Career Acquisition Process Career Portfolios | <ul style="list-style-type: none"> Work Habits Cooperation & Teamwork Group Interaction Budgeting Time Management Lifelong Learning | <ul style="list-style-type: none"> Risks and Rewards Character Traits of Successful Entrepreneurs Age Appropriate Opportunities Components of Business Plan |

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<http://www.pacareerstandards.com>

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Pennsylvania Career Education & Work Standards

Resources Curriculum Partners Career Pathways Assessment Crosswalks Parent / Guardian Home

Career Education & Work (CEW) Standards Toolkit

This electronic toolkit provides resources, references, crosswalks and other tools to assist elementary, middle and high schools teachers and administrators in implementing the Pennsylvania (PA) Career Education and Work Standards.

Resources Curriculum Partners Career Pathways
Assessment Crosswalks Parent / Guardian

The Career Education and Work Standards, Chapter 4 of Title 22, are part of the State Board of Education's regulations of required education for all students in Pennsylvania.

The Career Education and Work Standards address four areas of knowledge:

- Career Awareness and Preparation
- Career Acquisition (Getting a Job)
- Career Retention and Advancement
- Entrepreneurship

Funded by the Pennsylvania Department of Education, Bureau of Career and Technical Education, this website has been developed by the [Career Development Leaders Network](#) and coordinated by [Outreach for K-12 at Pennsylvania College of Technology](#).

Questions About the Career Education & Work Standards

Questions about the Career Education & Work standards should be directed to:

Jay Cannon
jcannon@state.pa.us

Search this site

Core Implementation Resources

- [Thirteen Implementation Strategies](#)
- [Thirteen Implementation Strategies Resources](#)

Getting Started: Key Resources and Products

- [3rd Grade Benchmarks](#)
- [5th Grade Benchmarks](#)
- [8th Grade Benchmarks](#)
- [11th Grade Benchmarks](#)

CEW Standards Downloads

- [PDF Document](#)
- [Word Document](#)

CareerZone

CEW Toolkit: Assessments

- **Quick Assessment:** Explore jobs that best match your personality. (Approximately 5 min.)
- **Interest Profiler** - Helps you decide what kinds of occupations and jobs you might want to explore based on your interests. (Approximately 30 min.)
- **Work Importance Profiler** - Discover how much you value achievement, independence, recognition, relationships, support, and working conditions in a job. Get a list of jobs that reflect your values. (Approximately 30 min.)

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Draft-- Student Interpersonal Skills Standards

These standards are offered as a voluntary resource for Pennsylvania's schools and await action by the State Board of Education.

1. Develop self-awareness and self-management skills to achieve school life and life successes.
2. Use social-awareness and interpersonal skills to establish and maintain positive relationships and respect for cultural diversity.
3. Demonstrate decision-making skills and responsible behavior in individual, family, school, and community contexts.

http://www.portal.state.pa.us/portal/server.pt/community/pennsylvania_school_climate_standards/18977/pennsylvania_school_climate_standards_%28draft%29/682166



Making Meaningful Connections

- Integrating Career Education and Work Standards across the school day
- Increasing the relevance of instruction to real life situations in which students can apply their knowledge and skills
- Continuing to support struggling students
- Implementing New Graduation Requirements

What can parents do
to support College and Career
Readiness
in their children?



Pennsylvania Training and Technical Assistance Network

At Home



- Encourage reading and writing
 - Books, magazines, using the library
 - Keeping a journal, writing notes and letters
- Encourage responsibility and time management
- Make school a priority
 - Talking about what was learned each day
 - Discussing benefits of education
 - Setting aside a time and place for homework
 - Praise and encouragement
 - Celebrating successes

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At School



- Stay Involved with your child's school
 - Get to know your child's teachers
 - Discuss your child's progress with his/her teacher
 - Support your child in school activities
 - Join the parent-teacher association
 - Participate in after-school events
 - Volunteer to assist with school functions



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<http://www.pacareerstandards.com/parent-guardian-resources.php>

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Pennsylvania Career Education & Work Standards

Resources Curriculum Partners Career Pathways Assessment Crosswalks Parent / Guardian

Home

Parent / Guardian Materials

Downloadable Brochures

The Pennsylvania Department of Education, Bureau of Career and Technical Education, Pennsylvania Career Resource Network has produced six high quality pamphlets that are available for downloading and distribution.

Elementary School

- [Career Awareness in Elementary School](#)
- [Help Your Child Identify Interests](#)

Middle School

- [Help Your Child Make Career Decisions](#)

High School

- [Career Clusters and Pathways](#)
- [Why Should My Child Explore Careers?](#)
- [Parent Involvement = Student Success](#)

Search this site

Search

K-12 Core Internet Resources

- [America's Career Resource Network](#)
- [Character Development Group](#)
- [Character Education, Free Resources, Materials, Lesson Plans](#)
- [JIST Publishing](#)
- [PA Career Zone](#)
- [Pathway Pals](#)
- [Positive Action](#)
- [Quintessential Careers](#)
- [USA Today Education on Li](#)

View more deta

Parent / Guardian Resources

Parent / Guardian Brochures

- Downloadable brochures for parents of elementary, middle, and high school students
- Examples:
 - *Helping Your Child Identify Interests*
 - *Why Should My Child Explore Careers?*
 - *Career Clusters and Pathways*
 - *Helping Your Child Make Career Decisions*
 - *Parent Involvement = Student Success*

Parent / Guardian Resources

- [America's Career Resource Network Parents Homepage](#)
Topics such as starting young, school success, career exploration, beyond high school and children with special needs are addressed. Additional resources and links are provided.
- [Career Check](#)
Inventory for parents and students to take together. Parents can see how their child's interests match up to their plans for a future career.
- ["Your Child's Career" - website for parents](#)

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What About Students with Disabilities?

Individuals with Disabilities Education Act (IDEA 2004)

Primary Purpose

- To ensure that all children with disabilities have available to them a free appropriate public education that emphasizes special education and related services designed to meet their unique needs and prepare them **for further education, employment, and independent living** H.R.1350 (IDEA 2004)



Being a partner in your child's education

YOU are the biggest influence
on your child's life. . .
use that influence
to put your child
on the pathway to success!



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Resources

- Pennsylvania Department of Education; Standards Aligned System Web Portal www.pdesas.org
- Pennsylvania Department of Education: Career Education and Work Standards Toolkit
<http://www.pacareerstandards.com>
- Pennsylvania Training and Technical Support Network
www.pattan.net
- Alliance for Excellence in Education
http://www.all4ed.org/about_the_alliance
- Partnership for 21st Century Learning
<http://p21.org>

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Contact Information

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Commonwealth of Pennsylvania
 Tom Corbett, Governor

Pennsylvania Department of Education
 Ronald J. Tomalis, Secretary

Dr. Carolyn Dumaresq, Deputy Secretary
 Office of Elementary and Secondary Education

John J. Tommasini, Director
 Bureau of Special Education

Patricia Hozella, Assistant Director
 Bureau of Special Education

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Resources

- PA PIRC
 - www.center-schools.org/pa-pirc
- National PTA
 - www.pta.org
- Harvard Family Research Project
 - www.hfrp.org
- SEDL
 - www.sedl.org
- US Department of Education
 - www.ed.gov
- PA State Parent Advisory Council
 - www.spac.k12.pa.us



THANK YOU

- The next webinar will be:
- **July 27:** School Climate and Bullying Prevention
 - Join us at 12:00 p.m. EDT

