

Pathways to Powerful Partnerships:

*How Schools and Businesses Collaborate to
Promote Career Exploration*

**Dr. Crystal Taylor, Instructional Supervisor
of Career and Technical Education**



Ann Ifekwunigwe, Supervisor of Career Pathways

Smart, Safe Schools



College, Career, and Citizen Ready

Session Overview

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| 2 | → | Background | 6 | → | Action Planning |
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Introductions

*Newport News Public Schools in Newport News, VA
Urban School System with 30,000 students*

Dr. Crystal Taylor
**Instructional Supervisor of Career and
Technical Education**

Ann Ifekwunigwe
Supervisor of Career Pathways

Participant Representation



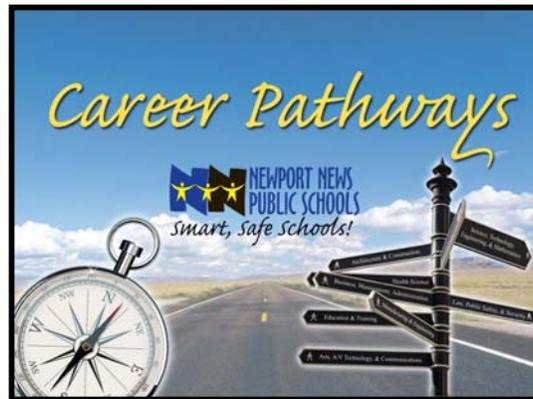
Background Information



Career Pathways Overview...

(This video is available at <http://sbo.nn.k12.va.us/careerpathways/index.html>)

Career Pathways Video



Partnership History

- **Newport News Public Schools Convened Business-Education Summit (2006)**
- **Attendees Identified Local Needs**
- **NNPS Career Pathways Launched (2007-2008)**
- **Business Partnership Breakfast (2008)**
- **Formal Partnerships Solidified at All MS**



What We Did...

- **Needs Assessment**
- **Recruitment**
- **Connections (School/Business/School)**
- **Monitored and Maintained**
- **Expressed Gratitude** *(Cards and Certificates)*

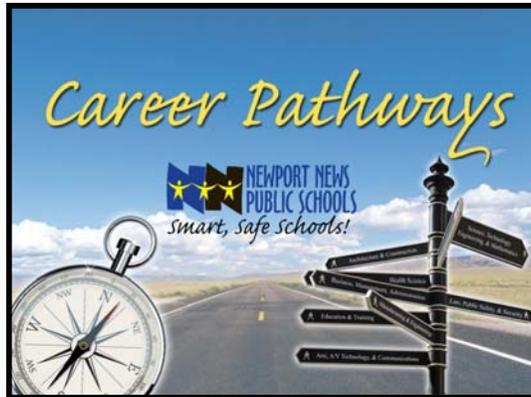


Some of Our Active Business Partners...



Career Pathways Overview...

**Business-Education
Summit Video
(Not Available Online)**





Huntington Middle School Success Story

***NSBA Magna Award
Winner***



Career Pathways Partnership

Newport News Shipbuilding attended the NNPS Career Pathways breakfast in November 2008 and pledged support for all 6 NNPS Career Pathways Business Opportunities

- **Clubs and Activities**
- **Worksite Opportunities**
- **Middle School Partnerships**
- **Speakers Bureau**
- **Internships**
- **Job Shadowing**



The NNPS Mission is to educate all students for college, career and citizen readiness

Career Pathways is a pre-K-12 initiative to boost readiness through career:

- Awareness
- Exploration
- Opportunities

In 2009 we launched "The Competitive Advantage" program with major business partners at all 8 middle schools

Newport News Shipbuilding joined with Huntington Middle School



Shipyard executives pose with one of the many large displays that help establish a sense of partnership at Huntington.

Huntington & Newport News Shipbuilding worked to establish a continuous shipyard presence in the school through:

- ***"Ship Repair Club"***
- ***Classes in Career Readiness Skills***
- ***Guest speakers***
- ***"Apprentice" lunches***
- ***Special displays***
- ***Participation in Parent Night and awards assemblies.***



The close relationship between the school and shipyard is illustrated here in this hug between Principal Cleo Holloway and the Shipyard Apprentice School Mascot



Newport News Shipbuilding and NNPS developed a Career Readiness Skills Curriculum taught at Huntington

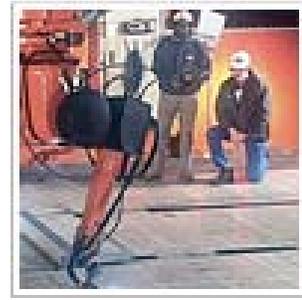


- **Speaking and Listening**
- **Problem Solving**
- **Work Ethic**
- **Positive Attitude**
- **Independence and Initiative**
- **Self-Presentation**
- **Attendance**
- **Teamwork**

Clubs and other Career Pathways Opportunities



Builder's Club volunteers meet with students for fun, problem-solving activities to provide exposure to different shipbuilding careers.



Job shadowing at Newport News Shipbuilding helps students explore a range of career objectives.



The shipyard provides **internship** opportunities to students and teachers.



NGSB-NN Club Activities - Windows Internet Explorer

http://sbo.nn.k12.va.us/careerpathways/ngsb/clubs/index.html

File Edit View Favorites Tools Help

Google Search

NGSB-NN Club Activities

NORTHROP GRUMMAN
Career Pathways

NGSB-NN CLUB ACTIVITIES

What is Club/Activity?

A Club/Activity is an event where volunteers from NGSB-NN travel to the select schools and provide an activity for the students to participate. The activities are designed to be very interactive and are modified for the appropriate grade level. For example, for an elementary school, one activity would focus on the concept of a job and help the students focus on their likes and dislikes when thinking about selecting a job or career in the future. The same activity could be modified for high school students to emphasize the importance of teamwork and understanding how things get done in the business world.



Photo 1 of 3 (Click on the image to view previous or next)

Events for Club/Activities

Each year, the Club/Activity lead from NGSB-NN will develop activities that will be presented to selected clubs at NNPS. The activities are designed to introduce the students to some aspect of the business world and help prepare them for the future. The activities are the same for elementary school, middle school, and high school.

The two activities for the 2010-2011 school year are as follows:

Good Day Activities: _____
Fair Day Activities: _____

Our Smart, Safe Schools-
NPS Quick Links-
Community & Other Sites-

Translate: [Flags]

CAREER PATHWAYS

Dr. Kari Weston
Executive Director
Innovation & Development
(757) 591-4580

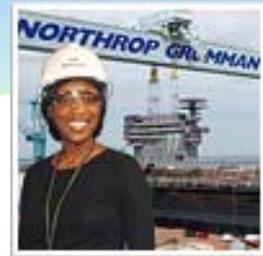
Ann Ifekwunigwe
Instructional Supervisor
(757) 881-5461 x12226

PATHWAYS

- Architecture & Construction
- Arts, A/V Technology & Communications
- Business, Management & Administration
- Education & Training
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology, Media & Simulation Services

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Newport News Shipbuilding provides internship opportunities to students and teachers that will transfer classroom knowledge to real life work experiences.



Examples of internship opportunities at NGSB-NN:

Engineering/Technology – Responsibilities and training will involve assisting professional engineers with design and analysis based on current project needs.

Design - mentored by a professional Designer, the on-the-job training is specifically related to one of the following design engineering disciplines: hull, electrical, machinery, piping, or nuclear using design software such as AutoCAD and/or CATIA

Construction/Trades – opportunity to learn from an experienced craftsman on how to use general tools, measuring devices, read blueprints, and other requirements to become an apprentice or tradesman.

Business – internship will give the student a chance to gain general office skills working in a professional business environment that supports the company in areas such as accounting, payroll, finance, supply chain, planning, human resources, and training

Communications/Arts - multimedia area providing video digitizing, CD and DVD production, video streaming and duplication, audio recording and editing, graphics design, 3-D animation, digital photography, and all types of visual presentation support.



**SPRING BREAK:
Make it Work!**

**NNPS Spring Break: Make it Work!
Letter of Introduction**

Hello, my name is _____
(First and Last Name)

and I attend _____ High School. I am interested in learning more about what it is like to work in your Career Pathway.

Mini Internship



During Spring Break (April 4 to 8, 2011), NNPS students will be in businesses across the city, learning about careers firsthand. I would like to spend one or two days at your worksite (check one):

- _____ Job Shadowing
- _____ Participating in a Mini-Internship
- _____ Volunteering/Observing



Job Shadowing

If you are interested in helping me achieve my career goals, please contact Newport News Public Schools' Career Pathways Supervisor, Ann Ifekwunigwe, at (757) 881-5461 x12226. Thank you!

Smart, Safe Schools

College, Career, and Citizen-Ready



How Business Mentors Can Help Students Maximize their Spring Break Work Experiences

1. Inform student intern of arrival time, ending time, check-in, and check-out procedures.
2. Let your colleagues know the student will be coming to work. Arrange for someone to greet the student upon his/her arrival.
3. Give the student intern a tour of the facility, and introduce the student to all employees with whom he/she will have contact.
4. Explain the student's first work assignment and evaluation expectations. *(If applicable)*
5. Inform co-workers of their relationship to student intern, and solicit their cooperation.
6. Inform student intern of lunchtime, relief procedures and regulations, as may be applicable to his/her work.
7. Inform student intern of facilities such as rest room, lunchroom, telephone, coat rack, etc.
8. Inform student intern of time-recording procedure.
9. Inform student intern about any information that is to be kept confidential.
10. Inform student intern of appropriate work attire.

Smart, Safe Schools

How Students Can Maximize their Spring Break Work Experiences

1. Make sure you know what time you are expected to arrive and depart, and what the check-in and check-out procedures are.
2. Introduce yourself with a firm handshake and an audible voice.
3. Pay attention during the tour. Don't be embarrassed to take notes about key locations or colleagues with whom you'll be working.
4. Don't be afraid to ask questions! Make sure you understand work assignment and how you will be evaluated. *(If applicable)*
5. Make sure you understand when you are expected to take breaks, and what relief procedures and regulations are.
6. Locate the important facilities such as the rest room, lunchroom, telephone, coat rack, etc.
7. Make sure you understand the time-recording procedure. You need to keep track of your hours for service credit.
8. Make sure you maintain the confidentiality of any information you have been told must be kept private.
9. Make sure you are aware of the company's dress code. Wear appropriate work attire to the experience.
10. Use your Career Readiness Skills... and please remember that you are representing Newport News Public Schools.

College, Career, and Citizen-Ready



Spring Break Engineering Job Shadowing

Newport News Shipbuilding



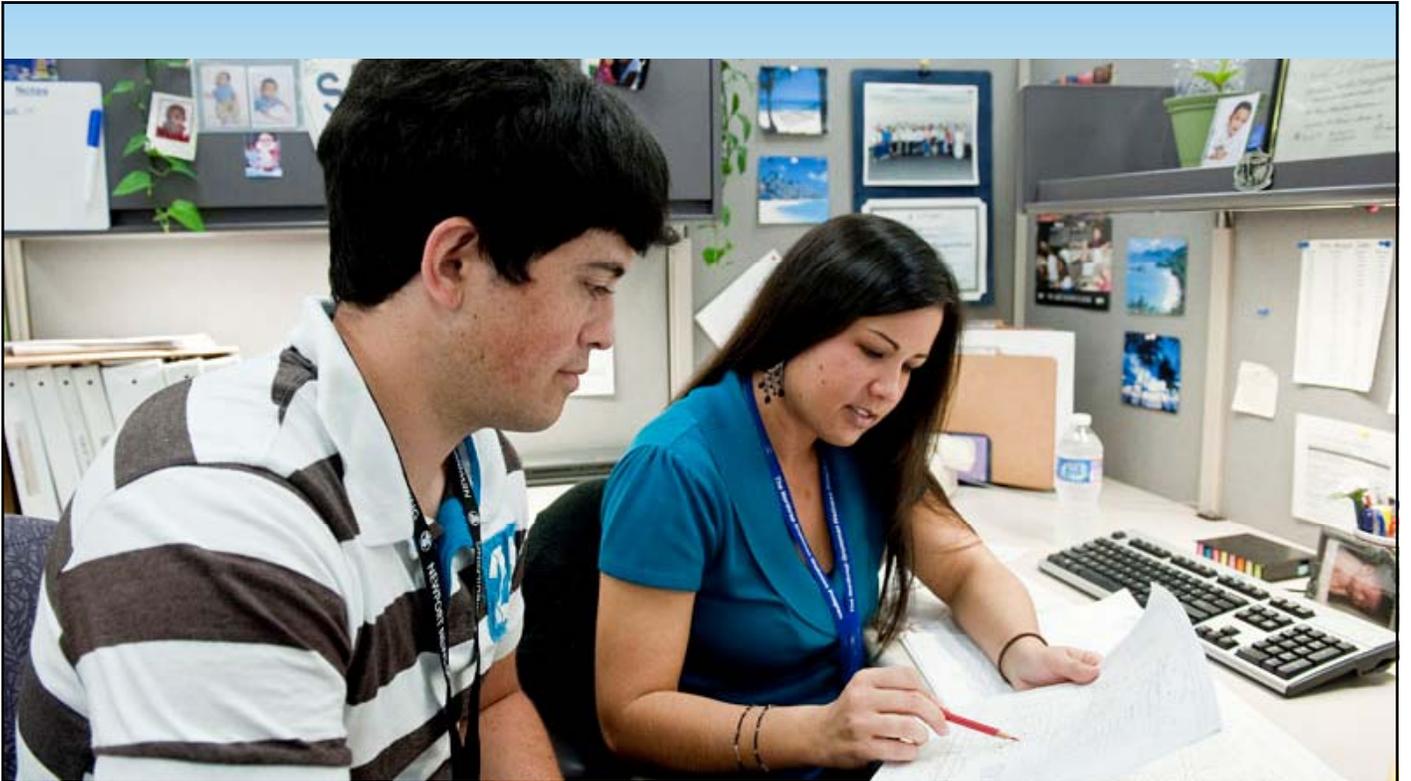
Spring Break Engineering Job Shadowing

Newport News Shipbuilding



Spring Break Engineering Job Shadowing

Newport News Shipbuilding



Spring Break Engineering Job Shadowing
Newport News Shipbuilding



Rotary Club Career Luncheon

Warwick High School



Rotary Club Career Luncheon

Warwick High School



Rotary Club Career Luncheon

Warwick High School



Rotary Club Career Luncheon

Menchville High School



Rotary Club Career Luncheon

Menchville High School

NGSB-NN Job Shadowing - Windows Internet Explorer

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NGSB-NN Job Shadowing

Career Pathways in Newport News Public Schools

12465 Warwick Boulevard • Newport News, VA 23606 • Phone: (757) 591-4500

Wednesday, March 30, 2011

CP Home
NGSB Home
Speakers Bureau >
Club Activities >
Worksite Opp. >
HMS Partnership >
Job Shadowing >
Internships >
Access Reqmts. >
Resources >
Forms

NNPS HOME > CAREER PATHWAYS > NORTHROP GRUMMAN > JOB SHADOWING > NGSB-NN JOB SHADOWING

NORTHROP GRUMMAN
Career Pathways

NGSB-NN JOB SHADOWING

What is Job Shadowing?

Job shadowing has been defined as "typically a part of career exploration activities in late middle and early high school. A student follows an employee at a firm for one or more days to learn about a particular occupation or industry. Job shadowing can help students explore a range of career objectives and select a career major for the latter part of high school."

Because job shadowing is aimed at helping a student make educated decisions about career choices, students observe only and may not be engaged in productive work at the workplace.

Job Shadowing Opportunities at NGSB-NN

<p><i>Arts, Audio-Visual Technology, and Communications</i></p> <p>The O36 Training Services department Video & Multimedia team provides comprehensive professional video services including turn-key program production</p>	<p><i>Science, Technology, Engineering and Mathematics</i></p> <p>The E82 Reactor Services Engineering department provides job shadowing participants the opportunity to shadow</p>
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QUICK LINKS

- Our Smart, Safe Schools-
- NNPS Quick Links-
- Community & Other Sites-

Translate: [Flags]

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- Education & Training

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What Can You Do?

***Take a few minutes to
complete Needs Assessment
and Action Planning
organizer...***



What is the PURPOSE?

What Challenges Would A School-Business Partnership Help You Address?

Newport News Public Schools' Answers...

- 1. Increase students' exposure to different Career Pathways**
- 2. Provide "first-hand" information about specific careers, career preparation, career experiences, advantages, disadvantages, etc.**
- 3. Expose students to myriad opportunities for high-paying local careers; mitigate the businesses' need to recruit from outside the community**
- 4. When businesses are active and visible in the schools, they can see what we are doing well and what we could do better. They can provide feedback about preparing students for careers in a specific field**



Needs Assessment...

Do You Currently Have Business Partnerships? If so, with whom?	What New Partnerships Would Benefit Your Organization? Why?
<ol style="list-style-type: none"> 1. Newport News Shipbuilding 2. Ferguson Enterprises 3. Canon, Virginia 4. Riverside Health 5. Ft. Eustis 6. Dominion Power 7. W.M. Jordan 	<ol style="list-style-type: none"> 1. More Small Businesses—many of our students have expressed an interest in entrepreneurship 2. More Law Firms—for students pursuing legal careers 3. More Public Sector Careers—for students interested in government and public service

Newport News Public Schools' Answers



Action Planning...

Brainstorm Potential New Partners	What Steps Would You Take to Initiate A Partnership?



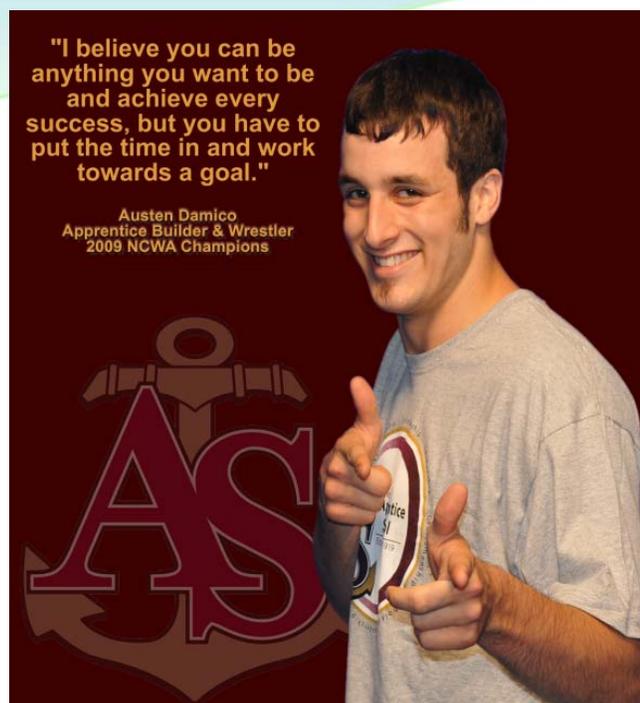
For more information ...

Web Site

<http://sbo.nn.k12.va.us/careerpathways/ngsb/>

Video Link

http://www.nnpstv.com/index.php?option=com_seyret&Itemid=53&task=videodirectlink&id=455



The Shipyard Apprentice School made a series of motivational posters for Huntington Middle.

Questions?

Please contact us...

Dr. Crystal Taylor and Ann Ifekwunigwe

www.nnschools.org/careerpathways

career.pathways@nn.k12.va.us

(757) 881-5461

Innovation and Development Dept.

