

# **Educator Corporate Partnership (ECP)**

*North Allegheny School District partners with PPG -  
Coatings and Innovations Center (Allison Park, PA)*

**This opportunity is provided through the AIU**



# North Allegheny School District Team

**John Kreider, North Allegheny Senior High School, Principal**

**Jenna Fraser, North Allegheny Intermediate High School, Assistant Principal**

**John Rassau, PPG Representative, Tour Facilitator**

Jordan Langué, Teacher, Business Computers and Information Technology

Ellen Green, Teacher, Technology and Engineering Education

Jonathan Ringer, Teacher, Computer Science

Heath Lauster, Teacher, Tech.Ed.

Chris Omasits, Teacher, Physics

# PPG-Coating and Innovations Tour

November 7, 2018

## Tour Takeaways, PPG Employees...

- Inspired by a Teacher and/or class
- Motivated by clear understanding of end goal
- Importance of Teamwork
  - Seemed everyone knew their role within the team
- Appropriate communication
  - Knowing the audience
- Risk Taking; learning from failures, perseverance
- Ways computer programs were implemented & utilized
- Problem Based Learning

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## Changing Classroom Practices & Instruction continued:

- Create environments at NA where students:
  - Are immersed in real world learning opportunities,
  - Learn from failure and encouraged to take risks through exploration,
  - Communicate appropriate to their audience,
  - Collaborate with a team.
  - Have passion and take ownership of their work,
- Examine our current STEM courses & align them to the STEM competencies

# PPG-Coating and Innovations Tour

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## Changing Classroom Practices & Instruction continued:

- A need to start at assessments: **What can students DO?**
- Create Guest Speaker Series
  - Set Up a rotation with ECP companies
  - Bring PPG personnel to talk to students
- HS/MS Student Field Trip to PPG
- Problem Based Learning; Authentic learning
  - PPG shares problems for NASD students to work through
  - NASD students share their results with PPG team members

# PPG-NASD

## Action Items for NASD - What are next steps?

Project driven class that incorporates STEM concepts:

- Content
- Success Skills
- PBL
- Career Connection Component

Middle School Block Schedule STEM Classes:

	Green Option	Blue Option	Orange Option
6th	9 weeks - Art, BCIT, FCS, Tech Ed	9 weeks - <b><u>World Language</u></b> , Art, FCS, BCIT	9 weeks - <b><u>World Language</u></b> , Art, FCS, Tech Ed
7th	9 weeks - Art, FCS, <b><u>STEM</u></b> , Tech Ed	9 weeks - Art and FCS 18 weeks - Tech Ed	9 weeks - Art, BCIT, FCS, Tech Ed
8th	9 weeks - Art, FCS, <b><u>STEM</u></b> , Tech Ed	9 weeks - Art, FCS, <b><u>STEM</u></b> , Tech Ed	9 weeks - Art, FCS, <b><u>STEM</u></b> , Tech Ed

Still Interested in Learning?

*Pittsburgh Job Market Statistics & Projections*

Partner4Work Presentation

(Pittsburgh Company)