

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

PPG-Coating and Innovations Tour

November 7, 2018

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

November 7, 2018

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 - <u>World Language</u> , Art, FCS, BCIT	9 weeks - <u>World Language</u> , Art, FCS, Tech Ed
7th	9 weeks - Art, FCS, <u>STEM</u> , Tech Ed	9 weeks - Art and FCS 18 weeks - Tech Ed	9 weeks - Art, BCIT, FCS, Tech Ed
8th	9 weeks - Art, FCS, <u>STEM</u> , Tech Ed	9 weeks - Art, FCS, <u>STEM</u> , Tech Ed	9 weeks - Art, FCS, <u>STEM</u> , Tech Ed

Still Interested in Learning?

Pittsburgh Job Market Statistics & Projections

Partner4Work Presentation

(Pittsburgh Company)