

HANDS-ON MINDS-ON INDUSTRIAL PRACTICES

Name of Submitter: Angelica Smith

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Presentation Title: The Maker Mindset: Transforming Secondary Learning with PBL and Makerspaces

In this session, participants will learn how to develop a thriving makerspace culture at the secondary level. We will explain how to design project-based learning (PBL) experiences that leverage makerspaces to enhance student achievement and engagement. We will discuss how to gain teacher trust and willingness to create standard-based PBL and makerspace activities. Participants will hear teacher and student testimonials addressing how makerspaces promote collaboration, foster creativity, hone critical thinking and enhance communication skills. We will offer resources and funding opportunities to build a makerspace from the ground up. Participants will have an opportunity to engage in makerspace PBL activities.

Presentation Target:

High School

Presenter(s):

1. Angelica Smith, School Library Media Coordinator, North Wake College & Career Academy
2. Cherilyn Murray, Project-Based Learning Coordinator, North Wake College & Career Academy