



Westmoreland County Community College | DRAW Collective



## STEM Center Design

- ✓ High tech tinkering
- ✓ Collaboration
- ✓ Design thinking
- ✓ Integrated innovation
- ✓ Iterative fabrication & testing
- ✓ Curiosity
- ✓ 21st century skill development
- ✓ Formal & informal learning
- ✓ Multi-disciplinary
- ✓ Supports career pathways
- ✓ Safety
- ✓ Adaptable furniture



Forest Hills Jr/Sr High School | DRAW Collective



Pine-Richland High School | DRAW Collective

### FLEXIBLE & CUSTOMIZED LEARNING

STEM centers are generally a unique combination of highly specialized labs and flexible use studios. Depending on the scale of the facility, the current and emerging programs, and project budgets these spaces can vary widely in their approach from fully integrated STEM centers to more departmentalized Science and Technology/Engineering hubs. Whether designed for the collegiate, secondary, or primary educational learner, these spaces all incorporate a common goal to support innovation and critical thinking skills in a safe, flexible, and well-equipped environment.

Our team has successfully designed STEM spaces at all levels of education and over time these spaces and their programs have continued to push our own approach to innovation. We have been fortunate to work with educators who are on the forefront promoting the development of innovative STEM programs.

Our design of STEM spaces is always in support of our clients unique programs with a foundation of rich experiences to help elevate the discourse to consider multi-disciplinary programs, emerging trends and high specialized infrastructure.



# Innovative High Schools - STEM

