



# FlexFactor in Ohio

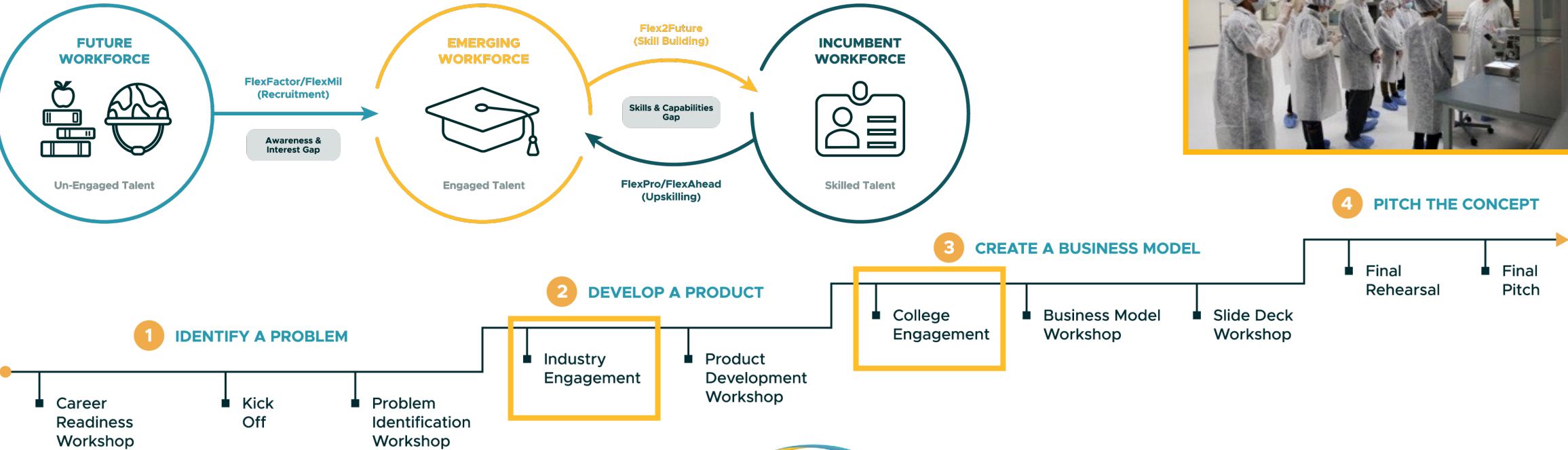
*Informing, Inspiring, Attracting, and Recruiting the Future of Advanced Manufacturing*

An outreach, engagement, and STEM education program designed to familiarize K-12 students with advanced manufacturing technology, entrepreneurship, and the education and career pathways that can lead to a STEM career.



NextFlex has developed a scalable strategy to secure human capital for the advanced manufacturing sector targeting the **future**, **emerging**, and **incumbent** workforces to create a deep and diverse STEM talent pipeline.

**FlexFactor** is a **project-based learning program** designed to **inform**, **inspire**, **attract**, and **recruit** the next generation workforce.



# OTN FlexFactor Community of Practice Objectives

*Develop talent pipeline strategies to guide HS students into manufacturing STEM and engineering technology guided pathways, including the use of FlexFactor, leveraging / wrapping with other programs and strategies*



OhioTechNet



Lorain County  
Community College



SINCLAIR  
COMMUNITY COLLEGE



Cincinnati State



ZANE STATE COLLEGE  
**ZSC**



WASHINGTON STATE  
COLLEGE OF OHIO



Ohio Manufacturing  
Extension Partnership



# Ohio TechNet Guided Youth Pathways

## FlexFactor Community of Practice

**9,097 Ohio  
students served  
with FlexFactor**

**499 iterations  
across 109 sites**

**120  
Industry Partners and  
Stakeholders Engaged**

**57% of FlexFactor  
students statewide  
more interested in  
STEM careers**



**OhioTechNet**

# Ohio FlexFactor Student Feedback

57%

Percent of students who are **more interested** in a STEM, Business/Entrepreneurship, or Advanced Manufacturing-related career than they were before FlexFactor.

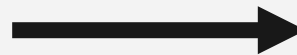
61%

Percent of students who, because of FlexFactor, have a **better understanding of the educational steps** that lead to careers in STEM, Business/Entrepreneurship, and/or Advanced Manufacturing.

44%

Percent of students who are **more likely** to attend their ecosystem lead college after participating in the FlexFactor program.

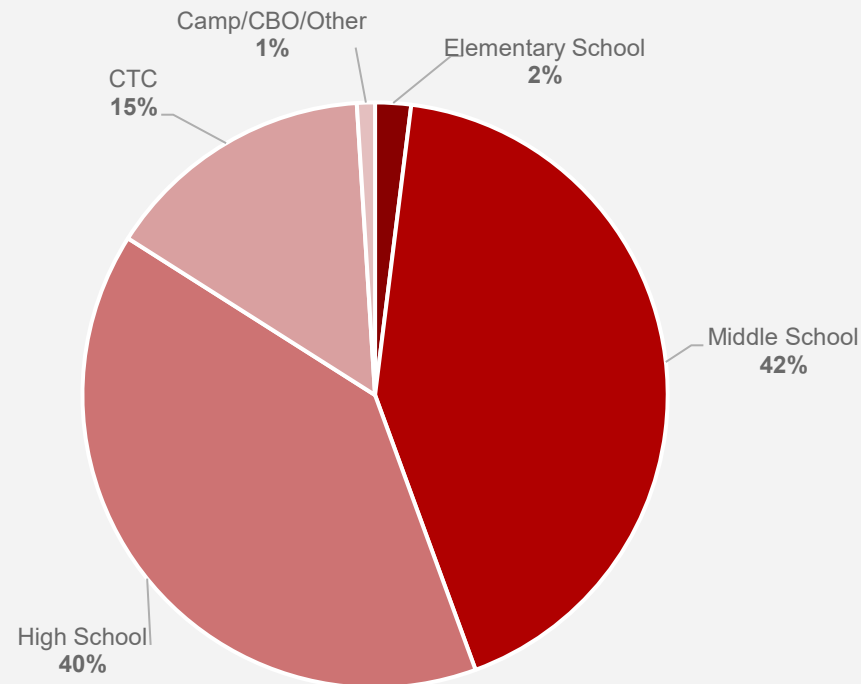
Percent of students who are **more interested** in a career in STEM, Advanced Manufacturing, and Entrepreneurship than before FlexFactor.



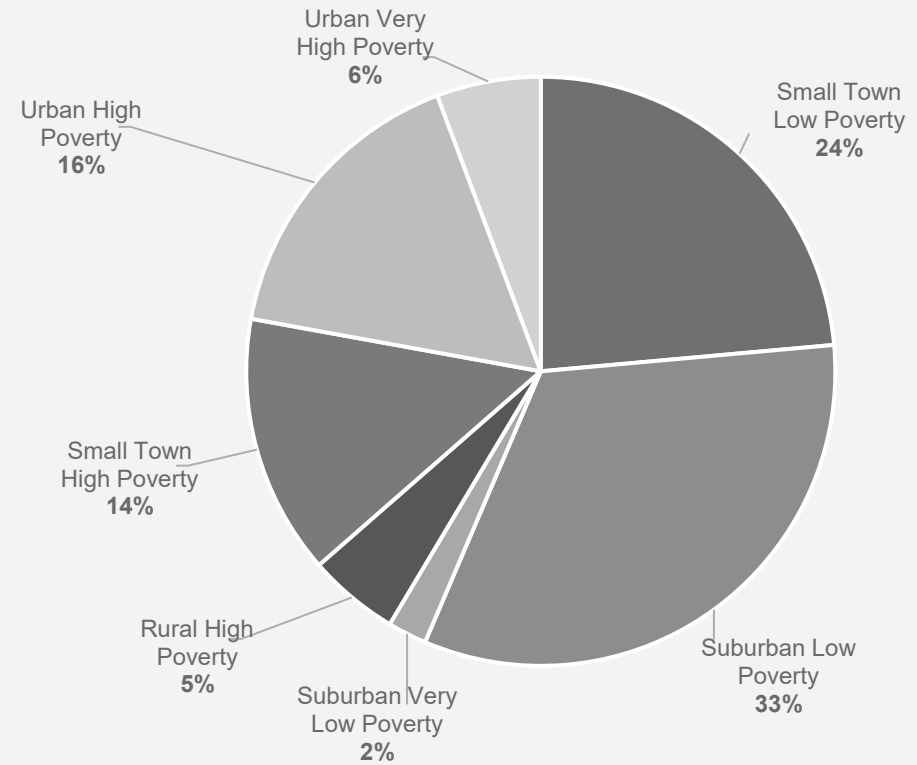
| Career Pathway              | % of Students |
|-----------------------------|---------------|
| Advanced Manufacturing      | 36%           |
| Business & Entrepreneurship | 60%           |
| STEM & Technology           | 57%           |

# FlexFactor Site Profiles

% of Iterations by Site Type



Public School Iterations by District Typology





# Interested in learning more?

Contact Peter Jensen at [pjensen@lorainccc.edu](mailto:pjensen@lorainccc.edu)

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