

DESIGN & INNOVATION STUDIO



40,000+
STUDENTS
1 TO 1 IMPACT

350+
TEACHER AND
INDUSTRY
PROFESSIONAL
DEVELOPMENT

5
INDUSTRY STUDIOS

101+
STUDIOS BY 2025

IN-MAC DESIGN AND INNOVATION STUDIO™

Indiana Manufacturing Competitiveness Center (IN-MaC), in partnership with Purdue University and STEM Education Works, are investing in Design & Innovation Studios™ across the state of Indiana. The studios provide a variety of opportunities for schools, educators, students, and industry to discover new ways to explore design thinking, problem-solving, technology, and creative skill sets.

Developing and offering industry-education activities and curriculum for users to cultivate the next generation of high-tech thinkers and doers. The studios provide hands-on experience with additive manufacturing, robotics, coding, engineering and science learning modules.

“One of the best decisions I have made as principal was incorporating STEM into our daily schedule. Our partnership with Purdue IN-MaC has taken our program to the next level by growing and expanding the opportunities for students in STEM areas. Students in grade K-5 are coding, 3D printing, building robots, flying drones, and so much more each day. This is all possible because of the Design and Innovation Studio equipment and curriculum. Now, our elementary students do not have to wait until high school or college to start preparing for their future in STEM fields.”

Todd Reagan, Wes-Del Elementary School Principal

DESIGN & INNOVATION STUDIO

EDUCATE & EMPOWER

Teachers, students, industry, and communities to access the tools and technology to explore the next generation of manufacturing to become leaders who will use knowledge to create impact in the talent pipeline.

INSTITUTIONALIZE

Best practices in studios through designing, making, and computational thinking.

AMPLIFY

Impact and access by sharing replicable models that are implemented across the state of Indiana.

TRANSLATE

Research and pedagogy into best practice, and use studios to pilot innovative work solutions to the talent pipeline.

BUILD

An ecosystem for teachers, students, industry, and communities to create meaningful learning experiences and partnerships.

FOR MORE INFORMATION

Sascha Harrell | Director of Education & Workforce
smharrel@purdue.edu | (765) 494-2278

CURRENT LOCATIONS

TRAINING STUDIO

Indiana Manufacturing Institute | Tippecanoe
Vincennes University | Knox
University of Evansville | Vanderburgh

INDUSTRY STUDIOS

Cummins Inc. | Bartholomew
Endress+Hauser USA | Johnson
Honda Indiana Auto Plant | Decatur
Subaru Indiana Automotive, Inc. | Tippecanoe
Toyota Manufacturing of Indiana | Gibson

K-8 STUDIOS

Alexandria Elementary School | Madison
Arlington Elementary School | Allen
Attica Elementary School | Fountain
Belzer Middle School | Marion
Benjamin Franklin Elementary School | Knox
Bluffton-Harrison Elementary School | Wells
Burnett Creek Elementary School | Tippecanoe
Carlisle Elementary School | Sullivan
Caze Elementary School | Vanderburgh
Chrisney Elementary School | Spencer
Covington Elementary School | Fountain
Daleville Elementary School | Delaware
Dayton Elementary School | Tippecanoe
Delphi Community School | Carroll
Dexter Elementary School | Vanderburgh
Edgelea Elementary School | Tippecanoe
Fairlawn Elementary School | Vanderburgh
Flaget Elementary School | Knox
Forest Glen Elementary School | Marion
Fort Branch Community School | Gibson
Francis Vigo Elementary School | Knox
Frontier Elementary School | White
Glenwood Leadership Academy | Vanderburgh
Green Meadows Intermediate Elementary School | Clinton
Greensburg Community Jr. High | Decatur
Haubstadt Community School | Gibson
Hebron Elementary School | Vanderburgh
*Helfrich Park STEM Academy | Vanderburgh
Hershey Elementary School | Tippecanoe
Holland Elementary School | Dubois
Holy Trinity Catholic School | Dubois
Huntingburg Elementary School | Dubois
Indian Creek Intermediate School | Johnson
Jefferson Middle School | Allen
Jennings County Middle School | Jennings
*Ladoga Elementary School | Montgomery
Lewis Cass Elementary School | Cass
Lewis Cass Polytechnic Academy | Cass
Lincoln School | Vanderburgh

Lodge Community School | Vanderburgh
McCutchanville Elementary School | Vanderburgh
Mintonye Elementary School | Tippecanoe
Mount Vernon Jr. High School | Posey
Murdock Elementary School | Tippecanoe
*New Market Elementary School | Montgomery
North Decatur Elementary School | Decatur
Northeast Dubois Elementary School | Dubois
North Jr. High School | Vanderburgh
North Knox Intermediate School | Knox
Northview Elementary School | Grant
Oakland Elementary School | Tippecanoe
Otterbein Elementary School | Benton
Owensville Community School | Gibson
Perry Central Elementary School | Perry
Perry Heights Middle School | Vanderburgh
Pine Village Elementary School | Warren
Plaza Park International Prep Academy | Vanderburgh
Prairie Crossing Elementary School | Benton
Princeton Community Intermediate School | Gibson
Princeton Community Primary School | Gibson
Riley Elementary School | Knox
R.J. Baskett Middle School | Grant
Scott Elementary School | Vanderburgh
*South Decatur Elementary School | Decatur
South Knox Elementary School | Knox
*Southmont Jr. High School | Montgomery
Southridge Middle School | Dubois
Stockwell Elementary School | Vanderburgh
Tecumseh-Harrison Elementary School | Knox
Vogel Elementary School | Vanderburgh
*Walnut Elementary School | Montgomery
Washington Catholic Elementary School | Daviess
Washington Junior High School | Daviess
Washington Middle School | Vanderburgh
*Wes-Del Elementary School | Delaware
Wes-Del Middle School | Delaware
West Central Elementary School | Pulaski
West Lafayette Elementary School | Tippecanoe
West Lafayette Intermediate School | Tippecanoe
Westside Catholic School | Vanderburgh
Woodland Elementary School | Tippecanoe
Wyandotte Elementary School | Tippecanoe

9-12 STUDIOS

Mississinewa High School | Grant

COMMUNITY STUDIOS

Boys and Girls Club | White
Indiana State Fairgrounds | Marion
Purdue University Extension | Crawford
Purdue University Extension | Switzerland

**Indiana State STEM Certified Schools*

PARTNERS



IN-MaC



STEM
Education
Works™

