

STEM + INDUSTRY CONNECTIONS

ACTION PLANNING WORKSHEET

How can we partner with industry to create the STEM experiences students need for the careers of tomorrow?

Name / Team:

School / Organization:

STEM Discipline / Program:

1 WHERE ARE WE NOW?

What industry partnerships already exist? How are partners currently involved in student learning, programming, equipment, mentoring, or support?

2 WHO IS MISSING FROM THE TABLE?

Which local industries need workers, are growing or changing, or use STEM skills connected to your discipline? List 3-5 possible partners.

3 WHAT DOES INDUSTRY NEED?

What skills, technologies, workforce challenges, certifications, or emerging careers should you learn more about from these partners?

4 WHAT COULD STUDENTS EXPERIENCE?

What could students DO with industry - design, build, test, investigate, collect data, solve a problem, tour, compete, job-shadow, or use industry technology?

FROM CONNECTION TO ACTION

Connect locally • Listen to industry • Create experiences • Prepare students

Local Industry
Partnerships

Hands-On Tools
in Schools

2-Year Colleges &
Tech Centers

Student Project
Experiences

Emerging
Workforce Needs

5 BUILD ONE EXPERIENCE

Describe one realistic industry-connected STEM experience your students could participate in during the next year.

ACTION PLAN

Industry / Partner to Contact

Student STEM Experience

Industry Need or Career Connection

People / Resources Needed

First Conversation or Next Step

Target Date

MY FIRST STEP: Within the next two weeks, I will _____

The goal is not simply to ask industry to support what we already do - it is to invite industry to help create what students will need next.