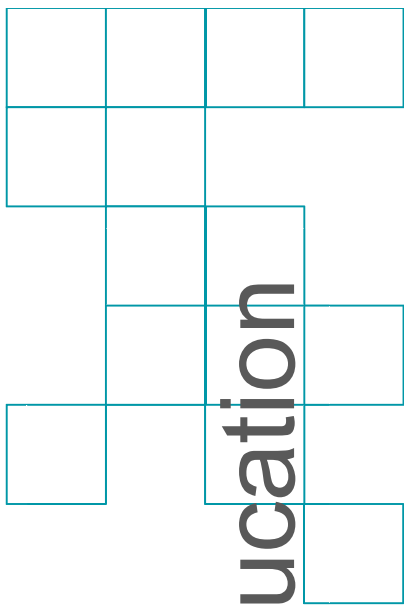




STEMifying Minnesota FFA: Connecting Industry with Education

Minnesota FFA Association: Natasha Mortenson

Today's roadmap



KEY STRATEGIES WE'LL EXPLORE



**Build
Local Industry
Partnerships**



**Bring Real
Tools into
Schools**



**Work with
2-Year Colleges
and Tech Centers**



**Create Student
Experiences**



**Align with
Workforce Needs
and Growing
Job Areas**





Industry Connections that BOOST STEM Connections





The Impact of Keeping it REAL and RELEVANT

With the Industry
Connections

With the Industry Connections





Connect Opportunities with Resources



Create Experiences that
connect industry, education
and students.



Year/Quarter/Month



FFA Experience Road Map



Field Days

What steps must the team take to reach their business goals?

T.E.C.

Conference

Remember, this is a high-level summary, not a detailed view.

Classroom Drone Project

Focus on key milestones, meetings and events.

PST Skill Invitationals

For example, mention the project kickoff, the first delivery, go-live date, etc.





The Future of STEM through the Minnesota FFA Organization



Align with Workforce Needs and Growing Job Areas



Workshop

Where are we now?

What industry partnerships does our school or organization already have, and are those partners actively involved in student learning or primarily providing financial support?

Who is missing from the table?

What local industries are growing, changing, or struggling to find skilled workers—and which of those employers connect naturally to the STEM disciplines we teach?

What could students experience?

Instead of simply inviting an industry professional to speak, what could students **do, design, investigate, build, test, or solve** alongside industry partners?

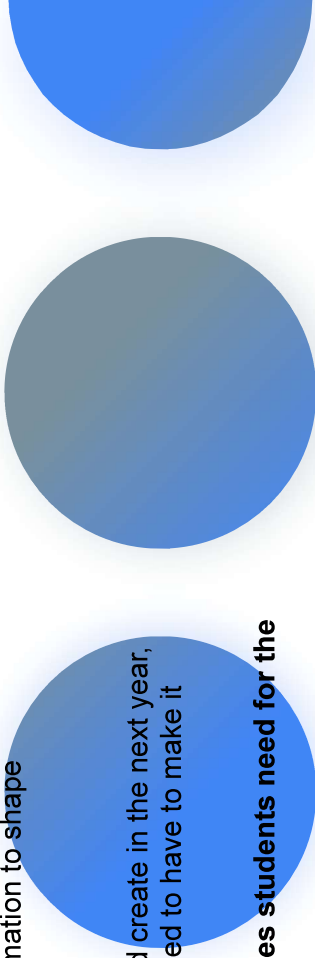
What does industry actually need?

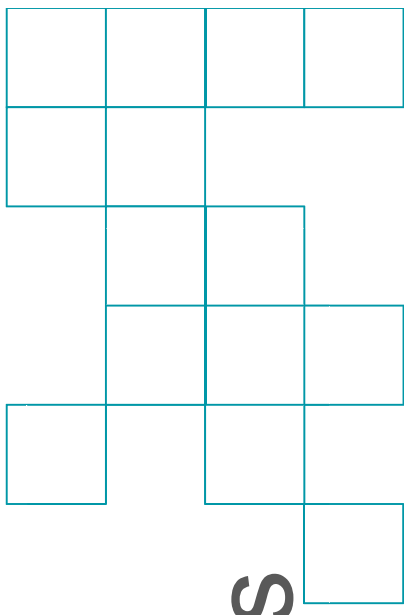
How could we regularly ask local employers about their emerging technologies, workforce challenges, skills, and career opportunities—and then use that information to shape meaningful student experiences?

What is one connection we could build next?

What is one realistic industry-connected STEM experience we could create in the next year, who needs to be involved, and what is the **first conversation** we need to have to make it happen?

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





Take-aways Questions and Comments

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