



School-Based Agricultural Education and Minnesota FFA

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Every blue jacket begins in a School-Based Agricultural Education (SBAE) classroom...

SLEEPEYE RAPIDS

■ **Marketing**

- > Merchandising
- > Marketing Management
- > Marketing Communications
- > Marketing Research
- > Professional Sales

■ **Business, Management, and Administration**

- > Administrative Support
- > Operations Management
- > Business Information Management
- > Human Resources Management
- > General Management

■ **Hospitality and Tourism**

- > Lodging
- > Recreation, Amusements and Attractions
- > Restaurants and Food/Beverage Services
- > Travel and Tourism

■ **Law, Public Safety, Corrections, and Security**

- > Correction Services
- > Emergency and Fire Management Services
- > Law Enforcement Services
- > Legal Services
- > Security and Protective Services

■ **Government and Public Administration**

- > Revenue and Taxation
- > Foreign Service
- > Governance
- > National Security
- > Planning
- > Public Management and Administration
- > Regulation

■ **Finance**

- > Banking Services
- > Business Finance
- > Securities and Investment
- > Accounting
- > Insurance

■ **Human Services**

- > Consumer Services
- > Counseling and Mental Health Services
- > Early Childhood Development and Services
- > Family and Community Services
- > Personal Care Services

■ **Education and Training**

- > Administration and Administrative Support
- > Professional Support Services
- > Teaching/Training

■ **Agriculture, Food, and Natural Resources**

- > Animal Systems
- > Agribusiness Systems
- > Environmental Service Systems
- > Food Products and Processing Systems
- > Natural Resources Systems
- > Plant Systems
- > Power, Structural, and Technical Systems

■ **Arts, Audio/Video Technology, and Communications**

- > Audio/Video Technology and Film
- > Journalism and Broadcasting
- > Performing Arts
- > Printing Technology
- > Communications Technology
- > Visual Arts

■ **Information Technology**

- > Information Support and Services
- > Network Systems
- > Programming and Software Development
- > Web and Digital Communications

■ **Transportation, Distribution, and Logistics**

- > Facility and Mobile Equipment Maintenance
- > Health, Safety, and Environmental Management
- > Logistics Planning and Management Services
- > Sales and Services
- > Transportation Operations
- > Transportation Systems/Infrastructure Planning, Management, and Regulation
- > Warehousing and Distribution Center Operations

■ **Architecture and Construction**

- > Construction
- > Design/Pre-construction
- > Maintenance/Operations

■ **Manufacturing**

- > Production
- > Manufacturing Production
- > Process Development
- > Maintenance, Installation, and Repair
- > Quality Assurance
- > Logistics and Inventory Control
- > Health, Safety, and Environmental

■ **Science, Technology, Engineering, and Mathematics**

- > Engineering and Technology
- > Science and Mathematics



CAREER FIELD

Agriculture, Food, & Natural Resources

CAREER FIELD

Arts, Communications, & Information Systems

CAREER FIELD

Engineering, Manufacturing, & Technology

CAREER FIELD

Health Science Technology

CAREER FIELD

Human Services

CAREER FIELD

Business, Management, & Administration

Foundation Knowledge & Skills

- Problem Solving • Critical Thinking
- Employability • Citizenship • Ethics
- Career Development • Integrity • Teamwork
- Legal Responsibilities • Academic Foundations
- Technology Application • Communications
- Safety, Health & Environment • Leadership
- Technical Literacy • Cultural Competence
- Lifelong Learning • Financial Well-Being
- Organizational & Global Systems
- Creativity • Innovation

■ Agriculture, Food, and Natural Resources

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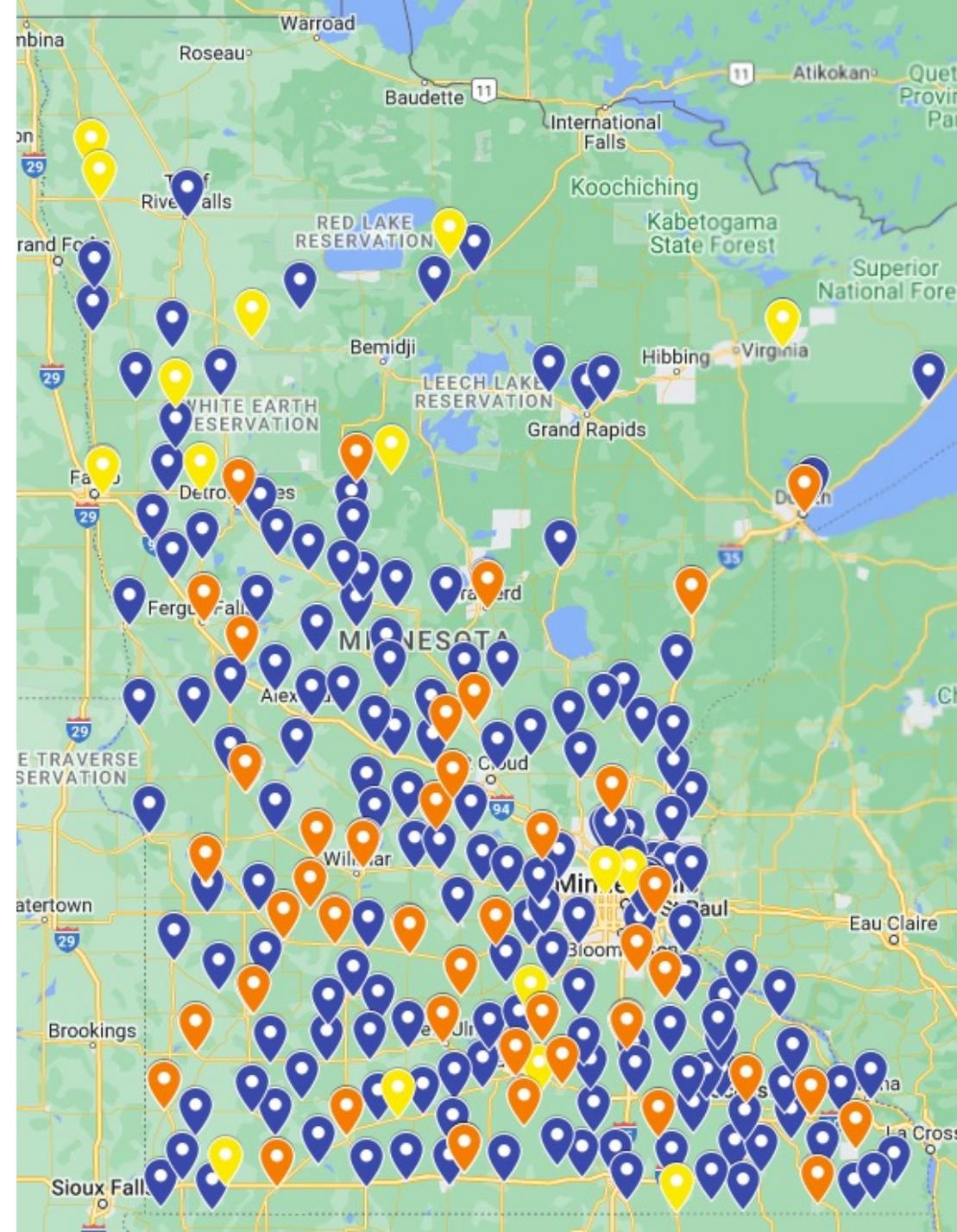


CAREER FIELD

Agriculture, Food,
& Natural Resources

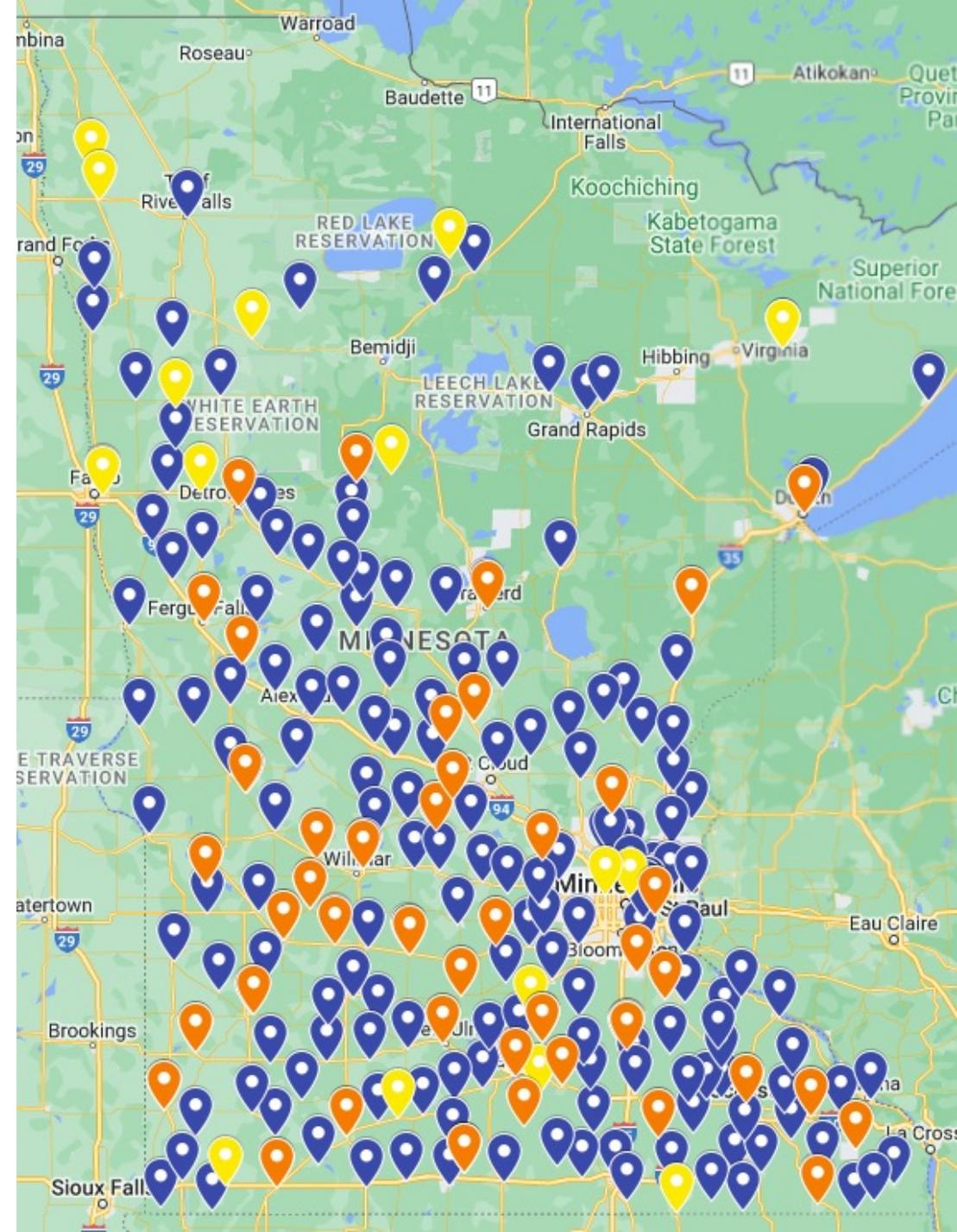
Minnesota Schools with SBAE Programs

- 226 programs (30 in seven-county metro) (blue)
 - More than 20 new programs since 2020 (yellow)
- 331 teachers
 - More than 50 additional positions since 2020 (orange)
 - 60 new teachers in Minnesota SBAE for 2022-2023
 - 100 positions filled by a new teacher in 2022-2023 (nearly 30% of programs had a new teacher)



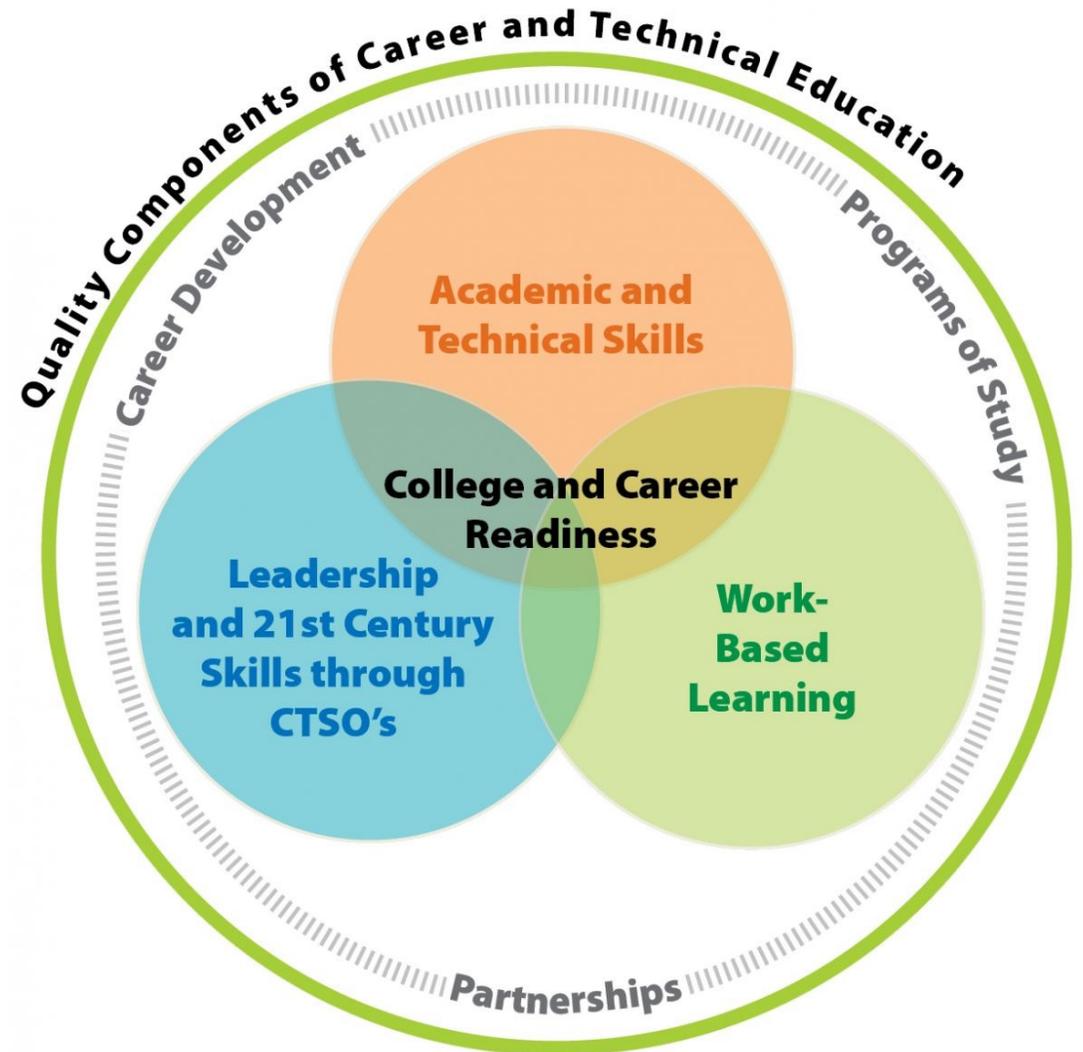
Growth needs support

- More than 50% of SBAE teachers have fewer than 3 years experience
 - 16 Tier 1
 - 25 Tier 2
 - 87 Tier 3
 - 190 Tier 4
 - 13 Out of Field Permission
- Early career teachers supported by mentorship
 - Teacher Induction Program (TIP) provides SBAE specific mentorship and is sponsored by MAELC and managed by the University of Minnesota
 - Career and Technical Education Teacher Induction Program (CTE TIP) provides CTE specific mentorship especially for Tier 1, Tier 2, and out of field permission and is supported by PELSB's Teacher Mentorship and Retention of Effective Teachers Grant and managed by MnACTE and Lakes Country Service Cooperative



What is Career and Technical Education?

- Academic knowledge and technical skills developed through **classroom learning**
- **Leadership** and social-emotional skills built by getting involved in FFA
- **Work-Based Learning** experiences resulting in career exploration and on-the-job learning





Gaining knowledge and hands-on experiences to develop skills through 97 potential SBAE courses related to agriculture, food, and natural resources.

Work-Based Learning

Purpose:

- explore career opportunities
- document on-the-job or hands-on learning experience

Types:

- Foundational: career exploration and planning, employability skills; personal financial management, workplace safety, and agricultural literacy
- Immersion: build upon their Foundational SAE activities by gaining real-world, hands-on experience within their chosen career path

*Often referred to as a Supervised Agricultural Experience (SAE)





Leadership through FFA
with nearly 16,000
members in more than
200 chapters





...and every classroom and teacher has a team supporting them.

SLEEPEYE RAPIDS

