



Youth Skills Training Program

Report to the Minnesota Legislature

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Minnesota Department of Labor and Industry
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Contents

Youth Skills Training Program.....	1
Introduction.....	4
Purpose.....	4
Impact of COVID-19 on YST programs.....	5
Creation.....	5
Expansion.....	5
Goals.....	5
Benefits.....	6
Impacted stakeholders.....	6
Activities.....	7
Outreach.....	7
Consultation.....	8
YST industries.....	8
Employer approval process.....	9
Grant administration.....	10
Summary.....	11
Grant round 1 (July 1, 2018 - June 30, 2020).....	12
Grant round 2A (July 1, 2019 - June 30, 2021).....	14
Grant round 2B (Feb. 1, 2020 - June 30, 2021).....	16
Grant round 3 (July 1, 2020 - June 30, 2022).....	18
Grant round 4 (July 1, 2021 - June 30, 2023).....	21
Grant round 5 (July 1, 2022 - June 30, 2024).....	24
Post-secondary credit opportunities.....	28
Recommendations.....	29
Appendix one: Summary of YST Program Guide.....	30
Appendix two: Employer, educational and community partners listed by grant applicants in round five.....	31
Map of all school districts participating in YST program.....	35
Appendix three: Employers approved to host YST student learners for paid work experience.....	36
Appendix four: Comprehensive timeline of Youth Skills Training program launch and implementation.....	38

Introduction

This legislative report is submitted by the Minnesota Department of Labor and Industry (DLI) about the activity and outcomes of its Youth Skills Training (YST) Program. Specifically, Minnesota Statutes 175.46, subd. 15, requires DLI to annually provide information for the preceding fiscal year by Feb. 1, 2023. The report must include updates about the program, the number of student learners who have participated in YST programs, and recommendations for changes to the program.

Purpose

The purpose of the YST program is to support the development of partnerships that will provide industry-related classroom instruction and paid work experience to high school students aged 16 years and older in high-growth, high-demand, living wage occupations. As provided by the Legislature in May 2017 (Minnesota Statutes 175.46), local partnerships must include schools and employers working together to develop and implement YST programs throughout the state. Locally developed partnerships create programs to provide safe, healthy, and meaningful paid work experience to student learners. YST programs provide industry exposure opportunities, industry-related classroom instruction, safety training, industry-recognized credentials and paid work experience in key industries including advanced manufacturing, agriculture, automotive, health care and information technology.

Since the YST program started in 2017, employers throughout Minnesota continue to report a significant number of unfilled positions in high-paying jobs that require a certification or two-year degree and describe significant challenges to find qualified and trainable employees to fill these skilled positions. According to the 2022 State of Manufacturing survey from Enterprise Minnesota, “More than half of companies currently have open positions or are hiring, and of those, 84% find it somewhat or very difficult to attract qualified candidates.”¹ The YST program supports partnerships throughout the state that provide training and certifications to student learners in the manufacturing industry.

Health care continues to dominate in-demand occupations in Minnesota, with registered nurses (RNs) being the highest in-demand job in the state. The 10-year projected growth for RNs is 6.6%, or 43,201 job openings over the next 10 years.² Following closely behind is home health and personal care aides at number four and nursing assistants at number five. The YST program currently supports 11 partnerships throughout the state that provide training and certifications to student learners in the health care industry.

Workforce development programs like the YST program will help lead Minnesota as it continues to recover from the residual impacts of the COVID-19 pandemic and help provide qualified employees to industries with the greatest need. The YST program is one specific way to address current and future workforce challenges within the key industries it serves. YST programs provide technical skills, safety instruction, opportunities to gain

¹ The State of Manufacturing 2022: More Headwinds; <https://www.enterpriseminnesota.org/articles/winter-2022/more-headwinds/>

² DEED Labor Market Information Occupations in Demand tool; [MNDEED - LMI - OID \(state.mn.us\)](https://mn.deed.state.mn.us/lmi-oid/)

industry-recognized credentials, and teach important employment skills to be successful in careers within these industries.

Impact of COVID-19 on YST programs

The impact of COVID-19 on YST programs was reduced considerably during 2022. YST programs throughout the state have reported an increase in the number of students participating in all components of YST this academic year. One lingering impact has been limited opportunities for in-person tours of employer facilities. Due to a continued lack of available substitute teachers, programs are frequently unable to leave the school for in-person tours of companies within their communities.

Creation

The Minnesota Legislature created the YST program in 2017, which included grant funding in the amount of \$1 million per biennium, to provide local partnerships throughout the state with resources to create and implement YST programs. These grants were initially awarded to a maximum of five partnerships and could not exceed \$100,000 to each local partnership. Additionally, a one-time appropriation of \$200,000 out of the Workforce Development Fund was provided for DLI to develop the program over fiscal years 2018 and 2019.

Expansion

In 2019, the Legislature invested \$2.2 million per biennium from the Workforce Development Fund to further support YST programs throughout the state. The increase in grant funding from \$500,000 to \$1 million each year allows the YST program to fund twice as many partnerships annually. However, when grant funding was doubled, the funds available for administrative support were not increased which has strained staff capacity to

“I am grateful for the YST program. It has allowed ISD #728 to expand CTE internships and provides students an opportunity to gain real world experience and build a professional network while exploring careers in their own community.”

- Amy Lord, CTE Coordinator at ISD 728

support both grant-funded and continuing YST partnerships. The number of partnerships is cumulative, even from the first round of grant-funded partnerships in 2018. This means that the program manager is supporting 50 partnerships with technical assistance and employer approval, only 22 of which are grant-funded. The enduring impact of the partnership model cannot be overstated.

Goals

The goal of the YST program is to offer industry exposure opportunities and training to students in high-growth, high-demand, living-wage careers in several key industries in Minnesota. The strategy to reach this goal is to support the development of local partnership between high schools, employers and community stakeholders throughout the state. Local partnerships provide students with industry exposure, safe and meaningful paid

work experience, and pathways to careers within these industries. The goal of the funding is to create, implement and grow new programs or expand existing programs throughout the state.

Benefits

Students benefit from meaningful career exposure, educational training, safety training, industry-recognized credentials, and paid work experience in careers they are interested in pursuing. Through YST programs, students discover a variety of pathways to high-growth, high-demand, living-wage occupations that exist within their communities and throughout the state.

“Being a part of the YST program has been a wonderful experience. The skills I learn aren’t only exclusive to the company, but instead skills that I will use in my day-to-day life and in future employment.”

Student, Owatonna YST program

Employers benefit by connecting with educators, providing input about curriculum, teaching students the skills needed to be successful in the industry, and gaining access to a new generation of employees with basic education, training and interest in pursuing a career within targeted industries. Employers also benefit from building relationships with student learners, schools and their communities. Their contributions provide individualized training and basic industry knowledge to student learners; once these students graduate from high school, they can help address the shortage of qualified employees.

Schools benefit by being a connector between students and meaningful work experience within their community. Additionally, schools benefit as students receive career exposure activities with employers that the schools may otherwise be unable to provide.

“I am beyond impressed with the opportunities provided to students and the community through the Youth Skills Training program. My daughter was able to receive a nursing certificate, gain employment at a long-term care facility and find out if nursing might be the right career path for her BEFORE graduating from high school.”

- Parent of YST student learner

Impacted stakeholders

YST programs serve employers, school districts, students, families, communities, post-secondary institutions, employer associations and non-profit groups by working with communities throughout the state to provide student learners aged 16 and older with paid work experience that may otherwise be unavailable. Employers are paired with student learners who demonstrate an interest in their industry. Prior to participating in paid work experiences, student learners develop basic work skills and technical skills for the industry in a classroom environment, which they then apply and further develop in a work setting.

DLI promotes public-service-centered work, teamwork, collaboration, and building an inclusive environment with equitable systems – all priorities consistent with the YST program. The YST program serves students, employers, schools, and communities throughout Minnesota. All students attending a YST partner school are eligible to participate in the program. This may include public, private, home, and charter schools. YST programs do not discriminate based on race, ethnicity or any other characteristic. It is an expectation that student demographics of the programs are consistent with the student demographics of the schools developing and implementing YST programs. Grant applicants are scored based on their ability to serve diverse populations and populations experiencing inequities and/or disparities including racial and ethnic communities. Diverse populations include people of color, Indigenous people, people identifying as LGBTQI, people of varying disability status and populations represented by different geographic locations across Minnesota.

Activities

Initial funding for the YST program created one full-time equivalent (FTE) program manager position to develop and promote the new program. The program manager started in September 2017 and provides outreach, supports partnership development, provides technical assistance, facilitates the approval of YST employers and provides grant management for the agency. In 2019, the Legislature provided permanent funding for one FTE program manager position. Program success is based on this consultative approach to support the development and implementation of YST programs throughout the state. The four main components to the YST program are: outreach, consultation, program approval and grant administration. Visit www.dli.mn.gov/yst for more information.

Outreach

The YST program provides outreach across Minnesota to promote its work and educate partners. The program manager provides information and outreach in a variety of methods, including meeting with interested parties, providing webinars, and offering in-person or virtual presentations. With changing approaches to outreach, the option to connect remotely, and the technology to make this work seamless, outreach activity now exceeds the level established prior to the pandemic.

Table 1. YST outreach summary

2019	2020	2021	2022
93 in-person meetings	85 in-person and virtual meetings	101 virtual meetings	185 virtual meetings
64 employer walk-through visits	27 employer approval meetings	89 virtual employer meetings	87 virtual employer meetings
16 large-group presentations	18 large-group presentations	31 virtual presentations	52 virtual and in-person presentations
113 scheduled phone conferences ³	123 scheduled phone conferences	75 scheduled phone conferences	49 scheduled phone conferences

Consultation

The program manager consults with partnerships throughout the state to provide program information, technical support, resources, and training to create and implement YST programs. Successful programs have been highlighted and recognized to serve as examples for the whole state. Quarterly reporting, progress monitoring and grant management continues to be reviewed and revised to provide efficient and accurate information about YST outcomes. Technology has allowed for an increase in virtual presentations which continued to significantly outpace in-person meetings and events in 2022. Although the number of in-person events is expected to grow in 2023, the option to conduct meetings virtually provides efficiency and allows the YST program to continue to expand throughout the state with limited staff.

The program manager provides prompt consultation to current and potential partners as they explore and develop YST programs. The program manager also meets with employers, schools and community stakeholders to provide information and answer questions. Whenever a challenging situation arises, the program manager helps brainstorm solutions and provides guidance about ways to effectively offer safe, healthy and meaningful work experience to student learners. Additionally, the program manager has designed a guide for establishing and developing a YST program. This guide was updated in the spring of 2021 to reflect current information, process changes and outline the new employer approval process.⁴ The YST guide will again be revised in 2023 to update information and reflect any changes to the program.

YST industries

YST-approved industries include advanced manufacturing, agriculture, automotive, health care and information technology. These industries align with DLI’s Minnesota Dual-Training Pipeline and Apprenticeship Minnesota to allow students the opportunity to transition into dual-training programs and meaningful careers after they graduate from high school.

³ The YST program manager and specialist both host impromptu meetings with stakeholders on an almost daily basis, so this metric is conservative.

⁴ <https://dli.mn.gov/sites/default/files/pdf/y-st-guide.pdf>

YST occupations and industries are required to be part of a career pathway and conducive to dual training (related instruction paired with concurrent on-the-job training) and hands-on learning. The occupations and industries were selected based on the following criteria:

1. Current demand indicator – Department of Employment and Economic Development (DEED) Labor Market Information (LMI) Occupations in Demand (OID) Tool: Top 40% rank; equivalent to four- and five-star current demand-occupations, statewide.
https://apps.deed.state.mn.us/lmi/oid/Results_9Columns.aspx
2. Projected growth rate – DEED long-term high-growth, high-demand: Minimum of 500 projected openings or a minimum projected growth of 7%. <https://mn.gov/deed/data/data-tools/employment-outlook/>
3. Median wage/cost of living – Equal to or higher than DEED-calculated Cost of Living for Regional Labor Markets for the state of Minnesota – \$19.40 an hour. <https://mn.gov/deed/data/data-tools/col/>
4. Appropriateness – The occupation is not prohibited for minors under the age of 18.
5. Credentialing – The occupation offers training that results in an industry-recognized credential.

Employer approval process

The goal of the YST program is to provide 16- and 17-year-old student learners with safe, healthy and meaningful paid work experience in high-growth, high-demand and living-wage industries. YST programs are required to provide students with opportunities to learn about the industry, take industry-related classes, receive safety training, and earn industry-recognized credentials such as OSHA 10 certification and Certified Nursing Assistant (CNA) certification. Safety training is also required at the employer site, proper personal protective equipment is required, and student learners are supervised and mentored by qualified employees during all working hours. By meeting these requirements and receiving approval from DLI, these student learners can work in industries otherwise prohibited by child labor laws.

In spring 2019, DLI revised the YST employer approval process for businesses interested in providing student learners with paid work experience through this program. The modified process included scheduling a walk-through of the facility to view the machines and equipment that will be used in the student-learner experience. The goal was to ensure student safety and better understand the needs of industry partners. Prior to this revision, machines and equipment were evaluated on paper alone, which presented challenges to determine potential dangers for student learners operating these machines. The new process determines what safety features are in place, reviews potential environmental hazards and provides an opportunity to have a meaningful consultation with employer partners.

The modified approval process proved more effective and reduced the paperwork required of employers. Additionally, the new process further clarifies the steps to keep student learners safe on the job. All stakeholders have the common goal of providing safe, healthy and meaningful paid work experiences to student learners. These employer visits strengthened the quality of the program for the student learners who participate.

During the pandemic, DLI decided to conduct the YST employer approval process virtually to limit potential exposure to COVID-19. This virtual process still enabled DLI to view machines and equipment and ensure safety.

It has proven successful and has eliminated person-to-person contact, improved the efficiency of the process, and almost eliminated travel for YST program staff and safety consultants.

In 2022, the YST program virtually met with and approved 45 employers throughout the state. To date, 162 employers have been approved through DLI to provide YST student learners with safe, healthy and meaningful paid work experiences. The following steps are currently required for employers to become approved through the YST program. Visit www.dli.mn.gov/yst for more information and to download approval forms.

Youth Skills Training Program Employer approval process	
Step 1: Employer	Employer submits the following to YST program staff: 1. Copy of employer workers’ compensation declaration page 2. Completed Machine/Tool/Equipment Review form 3. If the safety meeting will be conducted virtually, pictures or videos of the machines/tools/equipment are also required
Step 2: School	Class syllabus School provides a class description or class syllabus for the industry-related class(es) a student takes prior to or in conjunction with paid work experience.
Step 3: YST staff, DLI safety consultant, employer	YST safety meeting In-person or virtual meeting to discuss the submitted documentation and review all machines/tools/equipment that employers would like 16- and 17-year-old student learners to use as part of a paid YST work experience.
Step 4: DLI and employer	YST statute review and approval Form is completed by YST staff then reviewed and signed by the employer supervisor. The commissioner of DLI provides final review and signature for approved employers.
Step 5: Employer, student, parent, and school	Training agreement All parties complete and sign the training agreement form. Form is submitted to YST program staff prior to students starting a paid work experience. Copies are kept on file at the employer site and at the school the student attends.

Grant administration

YST grant recipients are selected through a competitive grant process. The grant review committee consists of representatives from education, industry and state agencies. YST grants provide local partnerships with funding to create, implement and expand YST programs throughout the state. Grants are used to recruit students, recruit employers, provide student transportation, market and advertise programs, and pay for students to obtain industry-recognized credentials. Grant funding cannot be used to pay student wages. During fiscal year 2018, the YST program grant application, process, review, invoicing, and quarterly reporting were launched and piloted. The YST program manager monitors and reviews grant applications and the reporting process for efficiency and to ensure accurate data collection on a quarterly basis.

Summary

To date, 50 YST grants have been awarded to partnerships throughout the state and provided 58,531 students with the opportunity to participate in meaningful activities to learn about at least one of the five approved YST industries. More than 31,203 students have completed or are taking classes and receiving safety training directly related to these industries. In addition, 1,853 students have received an industry-recognized credential and 705 students have participated in safe, healthy and meaningful paid work experience in one of these industries.

The following tables summarize the metrics related to partnerships that have applied for YST grant funding; YST grant recipients, and student involvement in YST.

Table 2. YST grant application summary	First round	Second round	Third round	Fourth round	Fifth round
Number of partnership applications	25	34	25	25	32
Number of schools involved	64	79	84	72	80
Number of employers involved	107	160	150	146	211
Number of post-secondary institutions	7	21	14	17	9
Number of community organizations	13	40	40	55	43
Amount of grant dollars requested	\$2,388,094	\$3,160,291	\$2,340,476	\$2,223,120	\$2,896,647

Table 3. YST grant award summary	First round	Second round	Third round	Fourth round	Fifth round
Number of partnerships awarded	5	11	11	11	11
Amount awarded to each partnership	\$95,000	\$80,000-\$95,000	\$70,000-\$90,000	\$57,950-\$100,000	\$40,000-\$100,000
Number of school districts involved	13	39	24	30	31
Number of employers involved	51	87	85	82	141
Industries involved (advanced manufacturing, agriculture, health care, information technology)	3	5	5	5	5

Table 4. YST student involvement to date	Round 1 July 1, 2018 – June 30, 2020	Round 2A July 1, 2019 – June 30, 2021	Round 2B March 1, 2000 – June 30, 2021	Round 3 July 1, 2020 – June 30, 2022	Round 4 July 1, 20–1 - June 30, 2023	Round 5 July 1, 2022 – June 30, 2024
Student exposure to YST industries	3,278	11,443	1,480	18,442	15,413*	8,475*
Related instruction and safety training	2,385	8,380	2,924	6,195	7,418*	3,901*
Industry-recognized credential	224	225	134	499	547*	224*
Paid work experience	109	75	129	204	211*	44*

Percent of students to receive credential	80%	93%	92%	98%	98%*	100%*
Percent of students to graduate when eligible	91%	90%	90%	100%	95%*	N/A*

*Note: Round four grant partnerships will not conclude their grant period until June 30, 2023, and round five grant partnerships will not conclude their grant period until June 30, 2024.

Grant round 1 (July 1, 2018 - June 30, 2020)

The first round of YST grant funding drew proposals from 29 local partnerships. Twenty-five of those partnerships were approved to complete a formal grant application. These 25 local partnerships consisted of 64 school districts, 107 employers, seven post-secondary institutions and 13 community organizations (chambers of commerce, workforce groups, nonprofits, etc.) applying for a total of \$2,388,094 in grant funding. The grant review committee selected five local partnerships to receive the initial pilot program grant funding. These partnerships consisted of 13 school districts and 51 employers in the industries of advanced manufacturing, health care and information technology. The first round of grant funding awarded \$95,000 to each of the five partnerships listed below:

- Hutchinson Schools TigerPath Initiative
- Red Wing Ignite Learn & Earn (Goodhue County Collaborative)
- TwinWest Youth Skills Training program
- White Bear Lake Area Schools and Cerenity Senior Care
- Winona Chamber’s REACH initiative

YST partnership details for Round 1 grant recipients (Grant period: July 1, 2018 — June 30, 2020)			
Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
Goodhue County Collaborative <i>Manufacturing</i>	Cannon Falls, Goodhue, Goodhue County Education District, Kenyon, Wanamingo, Lake City, Red Wing, Zumbrota-Mazeppa	Acrotech, Central Research Laboratories, Custom Iron, Gemini Sign Products, Hearth and Home, Knobelsdorff Enterprises, 3M Fall Protection, Neufeldt Industrial Services, Company, Red Wing Shoe Company, Riedell Skates, SCS Elevator Products, Sturdiwheat, USG, Valleycraft	<ul style="list-style-type: none"> • Facilitated discussion about technical careers • Soft-skills training • Industry tours of 10 local employers • OSHA 10-hour certification • Paid internships • Each student completes two paid, 40-hour internships at two different companies. • Students make presentations at their school, and in some cases to the school

YST partnership details for Round 1 grant recipients

(Grant period: July 1, 2018 — June 30, 2020)

Partnership name <i>(Industry)</i>	School district(s)	Employer partners	What are the students doing?
			board, about work-based site learning experiences.
TigerPath Initiative <i>Manufacturing</i>	Hutchinson	Luedtke Contracting, Midwest Industrial Tool Grinding, Inc., Innovative Foam	<ul style="list-style-type: none"> • Pathway fair with 25 employers, hands-on activities and networking • Industry tours • Industry panel presentations • Classroom instruction • OSHA 10-hour certification • Paid internships at local companies
TwinWest Youth Skills Training Program <i>Manufacturing and Information Technology</i>	Hopkins, St. Louis Park, Osseo	Code Ninjas, Engage Star, City of St. Louis Park, City of Maple Grove, Interscapes, Japs Olson, Marshall Manufacturing, Met Council, EDCO Manufacturing	<ul style="list-style-type: none"> • Industry-relevant classroom instruction • Career exploration experiences • Apply and interview for internships • Industry-recognized credentials • Student evaluations of experience • Paid internships: manufacturing and IT • Weekly check-ins
White Bear Lake Area Schools and Cerenity Senior Care <i>Health Care</i>	White Bear Lake Area Schools	Cerenity Senior Care	<ul style="list-style-type: none"> • Career exploration events and speakers • CNA course at WBLAHA-South Campus • Clinical training at Cerenity Senior Care • MN State CNA Test at Century College • Job site tours and job shadows • Summer camps and scholarships • Paid internships • Earn additional stackable credentials • Tuition reimbursement
Winona Chamber's REACH Initiative <i>Manufacturing and Health Care</i>	Winona	Fastenal, BCS Automotive, Benchmark Electronics, Saint Anne of Winona, Sugar Loaf Senior Care, Sauer Health Care, Thern Inc., Miller Ingenuity, Winona ORC Industries, Behrens, CPI, Excel Images, Formgraphics, Goodson, Knitcraft,	<ul style="list-style-type: none"> • Attend industry events • Interview and apply for internships • Soft-skills training • Industry speakers • HIPAA and dementia-friendly training • OSHA and ISO training • Tours of employers • Paid internships

YST partnership details for Round 1 grant recipients

(Grant period: July 1, 2018 — June 30, 2020)

Partnership name <i>(Industry)</i>	School district(s)	Employer partners	What are the students doing?
		Mississippi Welders, Peerless Industrial Group, RTP, Watlow, Wenonah Canoe, Wincraft	

Grant round 2A (July 1, 2019 - June 30, 2021)

The second round of YST program grant recipients was announced Jan. 3, 2019. The timeline for the second round of YST program grant funding was moved from spring to fall to provide partnerships with more time to plan and organize prior to the start of the grant period in July 2019. The second round of grant applicants consisted of 49 local partnerships submitting a letter of intent to apply. Of those 49 partnerships, 33 partnerships were approved to complete the formal grant application. These 33 partnerships requested a total of \$3,160,290 in funding, represented all five industries and consisted of 79 school districts, 160 employers, 21 post-secondary institutions and 40 community organizations (chambers of commerce, workforce groups, nonprofits, etc.). Five partnerships from these 33 were selected to receive \$100,000 each in grant funding to create and implement YST programs. The grant period for these partnerships was July 1, 2019, through June 30, 2021. Second round of grant recipients included:

- ISD 728 serving Elk River, Otsego, Rogers and Zimmerman
- ISD 831 Forest Lake Area Schools
- ISD 287 Pathways to College
- Southwest Minnesota Private Industry Council
- Vadnais Heights Economic Development Corporation

YST partnership details for Round 2A grant recipients, as of Jan. 15, 2021

(Grant period: July 1, 2019 – June 30, 2021)

Partnership title <i>(Industry)</i>	School district(s)	Employer partners	What are the students doing?
Students in Manufacturing <i>Manufacturing</i>	ISD 728Elk River-Otsego-Rogers-Zimmerman	Alliance Machine, Inc., CDI Crystal Distribution Inc., TESCOEM Emerson,	<ul style="list-style-type: none"> • Career fairs • Industry tours • Job shadow

YST partnership details for Round 2A grant recipients, as of Jan. 15, 2021

(Grant period: July 1, 2019 – June 30, 2021)

Partnership title <i>(Industry)</i>	School district(s)	Employer partners	What are the students doing?
Project Launch <i>Manufacturing and Agriculture</i>	Forest Lake Area Schools	Metal Craft, Eastey, M&M Precision, Command Tooling Systems, Die Concepts, Marksman Metal, MoCorp, Ramar Team Vantage, Twin Lakes Landscapes, Rosenbauer, Wilson Tool, Madsen Fixture and Millwork, Frontier Ag and Turf, Design Ready Controls, Advanced Molding Technologies, Carley Foundry, Regal Machine, South Shore Veterinary Hospital	<ul style="list-style-type: none"> • Classroom speakers • OSHA 10-hour certification • Engineering and welding classes • Apply and interview for internships • Paid internships: 10-15 hours per week • Weekly internship class (safety, child labor laws, and 21st Century skills) <ul style="list-style-type: none"> • Career Launch courses (2) • Explore: professional skills and OSHA 10 credential • Experience: nine-week work-based learning placement • Ag day and national FFA conventions • Northern Green Expo • Industry-related courses (43) • Employability and hot jobs w/DEED for parents and students • Career Exploration Day - 80 career speakers for 2,000 students • Every high school student received a Career Pathway Guide • On-site facility tours (7) • Job shadowing • Mentorship • WBL experiences averaging 180 hours/students
Pathways to Nursing YST Program <i>Health Care</i>	ISD # 287	Castle Ridge Care Center, The Waters, English Rose Suites	<ul style="list-style-type: none"> • 75 hours instruction at Hennepin Tech • 16 hours clinical supervision • High school and college credit • State exam and industry-recognized credential • Paid internships: 85 hour paid work experience • High school work experience credit

YST partnership details for Round 2A grant recipients, as of Jan. 15, 2021

(Grant period: July 1, 2019 – June 30, 2021)

Partnership title <i>(Industry)</i>	School district(s)	Employer partners	What are the students doing?
Northeast Manufacturing Education Partnership <i>Manufacturing</i>	White Bear Lake Area Schools, Mounds View Area Schools, North St. Paul-Maplewood-Oakdale, Roseville Area Schools, AFSA Charter School	Mold Craft, Specialty Mfg. Co., Superior Machine, Renstrom Dental, Teamvantage, LasX, Herold Precision Metals, Schwing America	<ul style="list-style-type: none"> • Tours of employers • Classroom speakers • Career and networking events • Manufacturing pathway courses • Manufacturing camp at Saint Paul College • OSHA 10-hour certification • Paid internships • One week at all four companies • Learn manufacturing process
Southwest Minnesota Career Pathway Partnership <i>Manufacturing and Health Care</i>	Montevideo, Renville County West, Yellow Medicine East, Jackson County Central, M.A.C.C.R.A.Y, Windom, MN Valley ALC, Marshall, Westbrook Walnut Grove, Canby, Minnesota, Dawson-Boyd, Wabasso, Red Rock Central, Lakeview, Lac Qui Parle Valley, Worthington	Ametek, Action Manufacturing, Chandler Industries Granite Falls Health, K&M Manufacturing, Kibble Equipment, Manufacturing RITALKA Inc.,	<ul style="list-style-type: none"> • Career awareness and development activities • Experiential classroom instruction • Informational interviews • Job shadowing • Workplace tours • Safety training • Paid internships <ul style="list-style-type: none"> ○ 10 hours a week ○ Up to 320 hours per school year ○ Summer program option

Grant round 2B (Feb. 1, 2020 - June 30, 2021)

In 2019, the Legislature increased the amount of grant funding from \$500,000 to \$1 million each year. Five local partnerships had already been named and are listed above as YST grant round 2A. DLI awarded the additional \$500,000 as part of the YST grant round 3 application process. The six partnerships that received this \$500,000 are referred to as YST grant round 2B and had a performance period from February 2020 through June 30, 2021. Round 2B grantees were announced Jan. 22, 2020, along with grant round three recipients. Six partnerships were selected to receive between \$80,000 and \$92,500 each in grant funding to create, implement and expand YST programs. Round 2B recipients include:

- ISD 271 Bloomington Public Schools

- ISD 728 serving Elk River, Otsego, Rogers and Zimmerman
- ISD 656 Faribault Public Schools
- Genesys Works
- Ramsey County Workforce Solutions
- Spark-Y

YST partnership details for Round 2B grant recipients
(Grant period: February 1, 2020 – June 30, 2021)

Partnership name <i>(Industry)</i>	School district(s)	Employer partners	What are the students doing?
ISD # 271 Bloomington Career and College Academy <i>Manufacturing</i>	Bloomington	Aspen Equipment Co Toro Company BTD Manufacturing Pella Windows Hartfiel Automation Printing Industry Midwest TRANE Ziegler CAT	<ul style="list-style-type: none"> • Introduction to manufacturing class • College level manufacturing course • OSHA 10 certification • Virtual modules during COVID
ISD #728 Elk River <i>Automotive</i>	Elk River Rogers Zimmerman Ivan Sand High Schools	Allstate Peterbilt Morrell Companies Cornerstone Auto GATR Truck Center Tires Plus	<ul style="list-style-type: none"> • Industry-related classroom instruction • Paid work experiences • OSHA 10 certification online
ISD #656 Faribault <i>Manufacturing</i>	Faribault	Daikin Jennie O' Turkey Store K&G Manufacturing Mercury Minnesota MRG Tool & Die Tru Vue Inc Faribault Transportation	<ul style="list-style-type: none"> • Industry exposure through video • Career exploration • Coordinator meetings • Working on virtual career fair • Working on virtual tours
Genesys Works <i>Information</i> <i>Technology</i>	St. Paul Public Johnson High Highland Park Washington	3M Abbott Ecolab Fairview Health Services Land O'Lakes Inc. Ramsey County SPS Commerce Travelers	<ul style="list-style-type: none"> • Technical and professional training • Credential completion (Northstar Digital Literacy Credential) • Paid internships in IT – remote work • Virtual college and Career Connections programming with coaching • Virtual Technology Conference • Virtual college and career seminars

YST partnership details for Round 2B grant recipients

(Grant period: February 1, 2020 – June 30, 2021)

Partnership name <i>(Industry)</i>	School district(s)	Employer partners	What are the students doing?
Ramsey County Workforce Solutions <i>Automotive Health Care</i>	City Academy GAP Alternative St. Paul Public	Minnesota Trucking Assoc. Long-term and skilled nursing facilities	<ul style="list-style-type: none"> • Certified Nursing Assistant training • Soft skills support and training • Case management support • Connect to employers • Scrubs camp at Saint Paul College
Spark-Y <i>Agriculture</i>	Minneapolis Public Schools	Urban Greens City of Minneapolis	<ul style="list-style-type: none"> • Industry tours • Urban farming course • EASYPro course • At home STEM kits to build skills • Paid work experience

Grant round 3 (July 1, 2020 - June 30, 2022)

The third round of YST grant recipients was announced Jan. 22, 2020. Eleven partnerships were selected to receive grant funding to create and implement YST programs. The third round of grant recipients represent all five industries and consist of 24 school districts, 85 employers, three post-secondary institutions and 20 community organizations (chambers of commerce, workforce groups, nonprofits, etc.). The grant period for these partnerships is July 1, 2020, through June 30, 2022. The third round of grant recipients include:

- Goodwill Industries
- ISD 22 Detroit Lakes
- ISD 31 Bemidji
- ISD 138 North Branch
- ISD 191 Burnsville
- ISD 194 Lakeville
- ISD 477 Princeton
- ISD 831 Forest Lake
- ISD 882 Monticello
- Red Wing Ignite
- SW Metro District 288

YST partnership details for Round 3 grant recipients

(Grant period: July 1, 2020 – June 30, 2022)

Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
Goodwill Industries <i>Automotive</i>	Minneapolis LEAP Schools through PPL; Mpls Public Schools	Lupient Village Auto Works MN Transportation Center for Excellence Valvoline Mr. Tire Penske	<ul style="list-style-type: none"> • Students have been working with their schools to complete enrollment paperwork and explore the career pathway for automotive as part of larger career exploration curriculum.
ISD#22 Detroit Lakes <i>Manufacturing Health Care Agriculture</i>	Detroit Lakes Pelican Rapids Frazee Waubun Lake Park-Audubon	BTD Manufacturing Ecumen and Essentia Health Bergen's Greenhouses Briard's Welding	<ul style="list-style-type: none"> • Paid work experience in manufacturing • Paid work experience in health care • Experience in greenhouse management and plant science • CNA certification • Career exploration classes • Virtual guest speakers in all industries • Ninth-grade career expo • Industry field trips • Job shadow experiences
ISD# 31 Bemidji <i>Manufacturing Health Care Agriculture Automotive Information Technology</i>	Bemidji	NLFX LaValley Industries North Central Door Knife River Materials Bemidji Steel Company Naylor's Heating and Refrigeration Grizzly Truss Fabricators Chester Berg Toyota Paul Bunyan Communication Sanford Health Choice Therapy Pinnacle Marketing Nortech Systems TEAM Industries Nielsen Foundation	<ul style="list-style-type: none"> • Business and industry tours • Job shadowing • Paid student work experiences • Post-secondary tours; Bemidji State and Northwest Technical College • Employer Panels/Guest Speakers from local businesses • Monthly exploring posts • Paid work experiences • Career fair

YST partnership details for Round 3 grant recipients

(Grant period: July 1, 2020 – June 30, 2022)

Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
ISD# 138 North Branch <i>Manufacturing Automotive</i>	North Branch	North Country Dental Carquest Kenny’s Clark Tire & Auto Bemidji Chrysler Center Dick’s Northside Auto	<ul style="list-style-type: none"> • Industry-related classroom instruction • Guest speakers/Presenters • Field Trips • Job shadowing experiences • Paid internships
ISD# 191 Burnsville <i>Manufacturing</i>	St. Paul	Permac Industries Collins Aerospace Uponor Showcraft	<ul style="list-style-type: none"> • Industry-related certifications • Skill development • Industry tours • Career exploration
ISD# 194 Lakeville <i>Manufacturing Automotive</i>	Lakeville Area Schools	BTD Manufacturing Gunner’s Garage Hearth & Home Tech. Schmitty and Sons ProTech Automotive Christian Brothers Automotive Delmar Company Designed Cabinets Tires Plus	<ul style="list-style-type: none"> • Industry-related certifications • Skill development • Industry tours • Career exploration • Paid industry work experiences
ISD# 477 Princeton <i>Manufacturing</i>	Princeton	Glenn Metalcraft, Inc. Crystal Cabinet Works Plastic Products Co.	<ul style="list-style-type: none"> • Industry-related classroom instruction • Career academy model for classes • Career exploration • Speed and mock interviews • Two workforce panels
ISD# 831 Forest Lake	Forest Lake	A1A Auto Service Andy’s Garage Auto Nation	<ul style="list-style-type: none"> • Industry-related classroom instruction • Auto mechanics lab • Working toward ASE credentialing

YST partnership details for Round 3 grant recipients

(Grant period: July 1, 2020 – June 30, 2022)

Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
<i>Automotive Health Care</i>		Forest Lake Auto Group Whitaker Automotive Birchwood Senior Living Ebenezer-Fairview Waverly Gardens M Health Fairview	<ul style="list-style-type: none"> • Health care credentials • College classes for credit • Clinical experiences • Pre-COVID tours
ISD# 882 Monticello <i>Automotive Manufacturing Health Care</i>	Monticello	Polaris Aroplax Corporation Landscape Structures Heartland Tire NAPA West Metro GMC Cornerstone Automotive Bondhus Corporation Parkview Senior Health	<ul style="list-style-type: none"> • Paid internships (10 hours per week) • Virtual career tours/speakers • Career pathway classroom instruction • Career fair, traveling career exploration trailer, summer career camps • Job shadowing opportunities • Serve on CTE advisory committee
Red Wing Ignite <i>Agriculture</i>	Cannon Falls Goodhue Lake City Red Wing Towerview	Ag Partners Frontier Ag and Turf Lodermieier's Sturdiwheat Inc Ardent Mills Central Farm Services Sweet Harvest Foods Lorentz	<ul style="list-style-type: none"> • OSHA 10 training and coursework • Soft skills training • Occupational interest exploration; specifically, in agribusiness • Virtual industry tours • Video interviews, websites and links to careers • Virtual employer panel
SW Metro District #288 <i>Health Care</i>	Southwest Metro Waconia Central Watertown Mayer	Ridgeview Medical Center Auburn Homes & Services Auburn Manor Good Samaritan Society	<ul style="list-style-type: none"> • Nursing Assistant and EMR classes • Hybrid and distance learning • No out-of-school activities (COVID) • Career exploration

Grant round 4 (July 1, 2021 - June 30, 2023)

The fourth round of YST grant recipients was announced Feb. 24, 2021. Eleven partnerships were selected to receive grant funding to create, implement or expand YST programs. The fourth round of grant recipients represent all five industries and consist of 30 school districts and more than 80 employer partners in advanced manufacturing, agriculture, automotive, health care and information technology. The grant period for these partnerships is July 1, 2021, through June 30, 2023. The fourth round of grant recipients include:

- American Nursing and Technical
- Boys & Girls Clubs of Central Minnesota
- Burnsville Public Schools
- Eastern Carver County Schools
- Elk River Area Schools
- Hibbing Public Schools
- Hutchinson Public Schools
- Marvin and Warroad High School
- Southeast Service Cooperative
- White Bear Lake Area Schools
- Winona Area Chamber of Commerce

YST partnership details for Round 4 grant recipients, as of Jan. 15, 2023

(Grant period: July 1, 2021 – June 30, 2023)

Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
American Nursing and Technical <i>Health Care</i>	St. Paul Public Lincoln International H.S.	Nursing homes Hospitals Group homes	<ul style="list-style-type: none"> • Students will receive industry exposure • Classroom training • CNA certification • Paid work experience at local nursing homes, hospitals and group homes
Boys & Girls Clubs of Central MN <i>Health Care</i>	St. Cloud Sauk Rapids	CentraCare St. Benedict Sr. Community Country Manor Good Shepard	<ul style="list-style-type: none"> • Industry exposure opportunities • Industry-related classes • CNA and NA certifications • Paid work experience in health care
ISD# 191 Burnsville Public Schools <i>Automotive</i>	Burnsville- Eagan- Savage	Walser Automotive Group Crystal Lake Automotive Carqueenz	<ul style="list-style-type: none"> • Guest lecturers • Industry field trips • Postsecondary program visits • Job shadow opportunities • Paid work experience in industry • Girls car camp
ISD# 112 Eastern Carver County <i>Advanced Manufacturing</i>	Eastern Carver County Schools (Chaska, Chanhassen, Carver and Victoria)	McLaughlin, Gormley, King (MGK) Ermak Foundry Roberts Automatic QualiTech	<ul style="list-style-type: none"> • Tours of employers • Guest speakers • Industry-related classes • Safety training • OSHA 10 certification • Paid work experiences in industry
ISD# 728 Elk River Area Schools	Rogers Elk River Zimmerman	Accurate Home Care Guardian Angels	<ul style="list-style-type: none"> • Industry speakers in classes • Job shadowing experiences • Career fairs and tours

YST partnership details for Round 4 grant recipients, as of Jan. 15, 2023

(Grant period: July 1, 2021 – June 30, 2023)

Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
<i>Health Care</i>	Ivan Sand		<ul style="list-style-type: none"> • Industry-related classes • Nursing assistant classes • Paid health science internships
ISD# 701 Hibbing Public Schools <i>Advanced Manufacturing, Automotive, Health Care</i>	Hibbing	Triumph Twist Drill Aftermarket Solutions Precision Muffler/Brake Range Steel Fabricators Fairview Essentia Ken's A1 Auto Service Ranger Chevrolet	<ul style="list-style-type: none"> • Industry exposure opportunities • Classroom speakers • Industry-related classes • Safety training and industry credentials • Paid work experiences within each of the industries
ISD# 423 Hutchinson Public Schools <i>Advanced Manufacturing, Health Care</i>	Hutchinson	Midwest Tool Grinding Zephyr Wind Services Stamp and Storage Clay Coyote Harmony River Woodstone Senior Living Ecumen Oaks and Pines	<ul style="list-style-type: none"> • Bus tour of industries • Career success class • Regional career fair • Mock interviews • Industry-related classes and pathways • OSHA 10 certification • Paid work experiences within industry
Marvin/ISD # 690 Warroad <i>Advanced Manufacturing</i>	Warroad	Marvin	<ul style="list-style-type: none"> • Tours of Marvin manufacturing facility • Speaking with subject matter experts • Industry training for high school credit (four 40-hour modules) • MSSC Certified Production Technology certification • Paid work experience with mentors
Southeast Service Cooperative <i>Health Care</i>	Triton Dodge Center Stewartville Cannon Falls St. Charles Houston La Crescent-Hokah	Fairview Care Center Samaritan Bethany Whitewater Healthcare Zumbrota Care Center Gundersen Lutheran	<ul style="list-style-type: none"> • Industry exposure experiences • Classroom instruction • CNA certification • Paid work experience in healthcare

YST partnership details for Round 4 grant recipients, as of Jan. 15, 2023

(Grant period: July 1, 2021 – June 30, 2023)

Partnership name <i>(Industry)</i>	School district(s)	Employer partners	What are the students doing?
ISD# 624 White Bear Lake Area Schools <i>Automotive</i>	White Bear Lake	AutoNation Ford Buerkle Honda Cummins TGK Automotive Specialist Walser Automotive Group	<ul style="list-style-type: none"> • Automotive career pathway • Career exposure opportunities • Ford safety modules • ALLDATA Certification • Paid work experiences
Winona Area Chamber of Commerce <i>Advanced Manufacturing, Agriculture, Health Care</i>	Winona Lewiston-Altura Wabasha-Kellogg	Fastenal Miller Ingenuity Winona Health Benedictine Living Comm. Gundersen Lutheran Health Services	<ul style="list-style-type: none"> • OSHA training • Industry training • Classroom instruction • Communication/job skills class • Job shadow experiences • Industry tours • Paid work experiences within industry

Grant round 5 (July 1, 2022 - June 30, 2024)

The fifth round of YST grant recipients was announced April 12, 2022. Eleven partnerships were selected to receive grant funding to create, implement or expand YST programs. The fifth round of grant recipients represent all five industries and consist of 30 school districts and 135 employer partners in advanced manufacturing, agriculture, automotive, health care and information technology. The grant period for these partnerships is July 1, 2022, through June 30, 2024. The fifth round of grant recipients include:

- ISD #831 Forest Lake Area Schools
- ISD #623 Roseville Area Schools
- ISD #31 Bemidji Area School District
- ISD #77 Mankato Area Public Schools
- ISD #2144 Chisago Lakes School District
- ISD #912 Milaca Public Schools
- ISD #595 East Grand Forks Public Schools
- Spark-Y Youth Action Labs
- Grand Rapids Area Chamber of Commerce
- Genesys Works Twin Cities
- Otter Tail County (OTC Works)

YST partnership details for Round 5 grant recipients, as of Jan. 15, 2023

(Grant period: July 1, 2022 – June 30, 2024)

Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
ISD #831 Forest Lake Area Schools <i>Manufacturing, Agriculture, Automotive, Health Care, IT</i>	Forest Lake Area Schools	Connexus Energy, Birchwood, Presbyterian Homes – Waverly, M Health Fairview, Rosenbauer, Wilson Tool, Teamvantage, Advanced Molding Technologies, Design Ready Controls, Regal Machine, Smith Metals, Westfall Technik, South Shore Veterinary, Dellwood Golf Course, Chisago Lakes Golf Club, Applewood Nursery, Ford Auto Nation, Whitaker Buick GMC, Andy’s Garage, Forest Lake Auto	<ul style="list-style-type: none"> • Employer outreach activities • Networking breakfast for partners • Industry exposure for students through field trips and classroom speakers • Exploring partnerships for automotive training Ford ACE and ASE certification • Supporting students with next steps after high school; including meetings with postsecondary education representatives and parent information sessions
ISD #623 Roseville Area Schools <i>Manufacturing</i>	Roseville Area Schools	Bix Produce	<ul style="list-style-type: none"> • Guest speakers in classes from manufacturing industry • Career navigator connecting with 9th and 10th grade students about YST program • OSHA 10 certification in classes • Paid work experiences at BIX Produce
ISD #31 Bemidji Area School District <i>Agriculture, Health Care, IT</i>	Bemidji Area School District	Bemidji Steel Company, N. Central Door Company, Nortech Industries, Grizzly Truss Fabricators, Naylor’s Heating and Refrigeration, Hills Country Greenhouse, Dick’s Northside Auto Services, Bemidji Chrysler Center, Kenny’s Amoco,	<ul style="list-style-type: none"> • Tours of five manufacturing companies • Two field trips for agriculture program • Industry credentials in mechatronics • Related classroom instruction in agriculture, health care and information technology

YST partnership details for Round 5 grant recipients, as of Jan. 15, 2023

(Grant period: July 1, 2022 – June 30, 2024)

Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
		Sanford Health, Neilson Place, Choice Therapy, Northern Dental Access Center, Paul Bunyan Communications	<ul style="list-style-type: none"> • Industry-related paid work experiences
ISD# 77 Mankato Area Public Schools <i>Health Care</i>	Mankato Area Public Schools	Harry Meyering Center	<ul style="list-style-type: none"> • Health sciences programming with opportunity to earn college credits • Industry-recognized credentials including nursing assistant, CPR and first aid • Paid work experiences in health care
ISD# 2144 Chisago Lakes School District <i>Manufacturing, Health Care</i>	Chisago Lakes School District	Smith Metals, Kendall Howard, Anderson Windows, Everwood Industries, Wyoming Machine, Flashing by Design	<ul style="list-style-type: none"> • Tours of local manufacturing companies • Classroom speakers from industry • Manufacturing-related classes • OSHA 10 certification within classes • Paid work experiences in industry
ISD# 912 Milaca Public Schools <i>Manufacturing, Agriculture, Automotive, Health Care, IT</i>	Milaca Public Schools	Milaca Elim Care & Rehab Center, Silt Sock, Nortech, ICS Chillers, Chapman’s Auto, Select Urgent Care	<ul style="list-style-type: none"> • Establishing relationships employers • Field trips through agriculture program • Industry-related classes and credentials • Working on getting employer partners approved to provide paid work experiences
ISD# 595 East Grand Forks Public Schools <i>Manufacturing, Agriculture, Health Care</i>	East Grand Forks Public Schools	American Crystal Sugar, Northern Valley Machine, Mayo Manufacturing, Edgewood Healthcare, Good Samaritan Assisted Living, Zavoral and Sons	<ul style="list-style-type: none"> • Partnership with a company for their agriculture program • Field trips to local manufacturers • Exploring partnerships for paid-work experiences • Guest speakers in manufacturing and healthcare classes. • Working with a registered nurse on building curriculum for the CNA class
Spark-Y Youth Action Labs	Minneapolis Public Schools	Luther, Walser, TGK, Midas, Harley-Davidson, Bobby &	<ul style="list-style-type: none"> • Entry level auto technician certifications

YST partnership details for Round 5 grant recipients, as of Jan. 15, 2023

(Grant period: July 1, 2022 – June 30, 2024)

Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
<i>Automotive</i>		Steve’s Auto, Polaris, Toro, Caterpillar	<ul style="list-style-type: none"> • Field trips to automotive partners • Informational interviews • On-site tours and education • Job shadow opportunities
Grand Rapids Area Chamber of Commerce <i>Manufacturing</i>	Nashwauk-Keewatin, Grand Rapids, Greenway, Northland Community Schools, Deer River, Bigfork, Floodwood	L and M Radiator, Swan Machine, ASV, Arrowhead Manufacturers & Fabricators Association, Northland Machine, Iron Mining Association	<ul style="list-style-type: none"> • Recruiting additional schools • Building employer partnerships • Manufacturing tours • Establishing paid-work experiences • Connecting with local news outlets to bring awareness to the program for employers, parents, and students
Genesys Works Twin Cities <i>IT</i>	St. Paul Public Schools	3M, Abbott, Allianz Life, Allina Health, American Academy of Neurology, Ameriprise Financial, Amplifon, Andersen Corporation, Best Buy, Be the Match, Blue Cross Blue Shield, Bremer Financial Corporation, Capella University, Cargill, CaringBridge, CHS, CWT, Ecolab, Edina Realty, Fairview Health Services, General Mills, Health Partners, Hennepin County, Huntington Bank, Icario, Kindeva, Land O’Lakes, M.A. Mortenson Co., Medica, Medtronic, Minneapolis Institute of Art, Minnetronix Medical, Minnesota Public Radio, Optum, Patterson Companies, Polaris, Prime Therapeutics, Ramsey County, Room & Board, Second Harvest Heartland, Sleep	<ul style="list-style-type: none"> • Summer training that included workplace readiness skills • Guest speakers from industry partners share on the importance IT infrastructure • Year-long paid internship with corporate employer partners • Connecting with St. Paul Public Schools IT and STEM classes • Held a “Draft Day” at Allianz Field for students accepted into paid-work experience • Provided opportunity for students and parents to celebrate hard work students put into the summer classes and internships.

YST partnership details for Round 5 grant recipients, as of Jan. 15, 2023

(Grant period: July 1, 2022 – June 30, 2024)

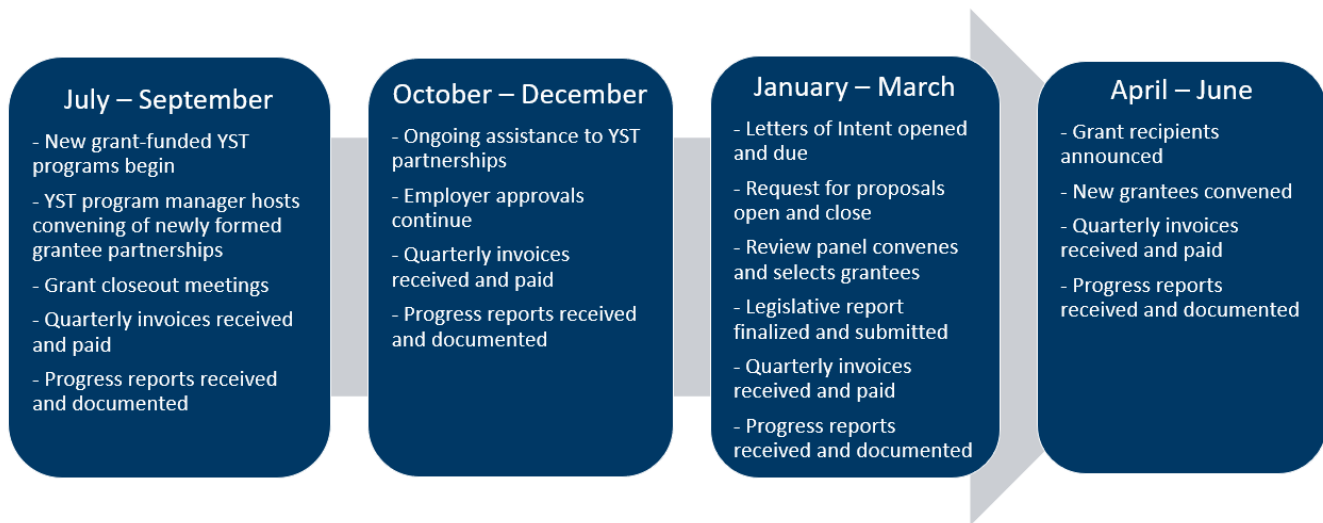
Partnership name (Industry)	School district(s)	Employer partners	What are the students doing?
		Number, Science Museum of Minnesota, SPS Commerce, Sun Country Airlines, Surescripts, Target Corporation, Thomson Reuters, Toro, Vanco, Xcel Energy	
Otter Tail County (OTC Works) <i>Advanced Manufacturing, Agriculture, Automotive, Health Care</i>	Fergus Falls, Perham, Underwood, Battle Lake, Ashby, New York Mills, Pelican Rapids, Rothsay, Henning, Frazee/Vergas, Parkers Prairie, Wadena/Deer Creek, Hillcrest Lutheran Academy	Vector Windows, Innova Industries, Paydac Plastics, Inc, Northern Contours, Brunswick New York Mills, KLN Family Brands, Bongards, Nelson Auto Center, Quality Toyota, Titan Machinery, RDO, Synstelien Community Services, Pioneer Care, Perham Health & Living, Lake Region Healthcare	<ul style="list-style-type: none"> • Information sessions about YST program held at area high schools • Field trips for students to provide industry exposure in manufacturing and automotive industries • Guest speakers in classrooms • Addition of employer partners • Industry-related paid work experiences in automotive and manufacturing

Post-secondary credit opportunities

Most Minnesota high schools provide students with opportunities to earn college credit by taking college-level classes through dual enrollment or by passing a college-level exam to earn college credit. Some examples of these programs include the post-secondary education option (PSEO), College in the Schools, advanced placement (AP), and international baccalaureate (IB). Not all dual credit and exam-based credit programs are available at all high schools and not all colleges and universities award credit for these programs.

YST programs currently receiving grant funding were asked to report the number of YST industry-related classes offered to students that have the potential to earn college credit. During the 2021-2022 school year, 11 out of 17 YST grant funded programs reported that they offered college credit opportunities in some YST industry-related classes. Thus far in the 2022-2023 school year, 10 out of 13 YST grant funded programs reported that they offer the potential to earn college credit in some of their YST industry-related classes. All five YST industries were represented in the classes that offer the potential to earn college credit (advanced manufacturing, agriculture, automotive, health care and information technology).

Annual programmatic cycle and timeline



Recommendations

DLI's Youth Skills Training Program continues to grow and provide safe, healthy and meaningful paid work experiences to student learners 16 years of age and older. In the program's five years of existence, it continues to expand its reach throughout the state, supporting student learners and meeting employer needs. YST is a key model to address the shortage of skilled workers in Minnesota. DLI recommendations for the YST program are to:

- approve the governor's recommendation to increase grant funding by \$500,000 per year to support additional YST partnerships and provide additional resources for staff needed to administer a larger program;
- approve the governor's recommendation for 1.5 additional FTE staff to appropriately grow YST in Minnesota; the current staffing level of a single program manager can only maintain current activity without any opportunity for enhanced strategic planning or outreach;
- maintain close collaboration with YST program stakeholders to refine and continually improve the program and technical assistance provided to local partnerships throughout the state;
- ensure the demographic representation of participants in YST programs is reflective of student demographics of the school;
- expand opportunities for successful YST partnerships to share their work and support new partnerships in creating and implementing YST programs in their communities.

Appendix one: Summary of YST Program Guide

In the spring of 2021, the YST Program Guide was revised to provide updated information and resources to partnerships interested in creating, implementing, or enhancing an existing YST program. The YST Program Guide will again be updated in the spring of 2023. The goal of the YST program is to provide students with safe, healthy, and meaningful career exposure and paid work experience.

The YST Program Guide provides:

- An overview of the YST program
- Support and services offered by YST program staff including:
 - outreach;
 - consultation;
 - employer approval; and
 - grant administration and management.
- Components and requirements to create a successful YST program including:
 - the process for selecting an approved industry that aligns with your local community;
 - steps to form local partnerships with key stakeholders; and
 - tips for creating a partnership with schools, employers and community organizations.
- An explanation about the Minnesota child-labor-program exemption
- Recommendations about how to market a program and provide outreach to students
- Roles and responsibilities for each partner, including:
 - role of employers to provide safe, healthy, and meaningful paid work experience to students;
 - the role of schools serving as the link between YST student learners and employers;
 - the role and responsibilities of a student learner participating in a YST program;
 - how a parent or guardian can support their student in this program; and
 - how community organizations can get involved.

The guide is informed by successful YST programs that have incorporated the following:

- industry-exposure opportunities – these opportunities should be available for students of all ages, parents, teachers, etc.;
- quality instruction with an opportunity for students to earn industry-recognized credentials;
- employment-skill development;
- safe, healthy, and meaningful paid work experience;
- parent and community involvement; and
- plans for recruitment, growth and continual improvement.

To view the guide visit www.dli.mn.gov/yst.

Appendix two: Employer, educational and community partners listed by grant applicants in round five

Employers

3M
Aagard
Abbott
Accenture
Acme Metal Spinning
Acrotech
ADM
Advanced Molding Technologies
Alexandria Industries
Allianz Life
Allina Health
American Academy of Neurology
American Crystal Sugar
Ameriprise Financial
Amplifon
Andersen Corporation
Anderson Windows
Andy's Garage
Appetite for Change
Applewood Nursery
Arrowhead Manufacturers & Fabricators Association
Aspen Group Home
ASV
Aurelius Manufacturing
Be the Match
Bemidji Chrysler Center
Bemidji Steel Company
Benedictine Living Community
Best Buy
Birchwood
BIX Produce
Blue Cross Blue Shield
Bobby & Steve's Auto
Bongards
Bremer Financial Corporation
Brunswick New York Mills Operation
Capella University
Cargill
CaringBridge
Caterpillar
Central MN Manufacturer's Association
Central Research Laboratory
Chapman's Auto
Chisago Lakes Golf Club
Choice Therapy
CHS
Climate by Design International
Comcast
Connexus Energy
Custom Iron
Daikin Applied
Daka Corp
Dellwood Golf Course
Design Ready Controls
Dick's Northside Auto Services
Douglas Machine
Ebenezer Senior Services
Ecolab
Ecumen North Branch
Edgewood Healthcare
Edina Fire Dept
Edina Realty
Everwood Industries
Fairview Health Services
Family Quality Care
Fastenal
Flashing by Design
Ford Auto Nation
Forest Lake Auto Group
Forest Lake Fire Department
General Mills
Good Samaritan Assisted Living
Grizzly Truss Fabricators
Harbinger Partners
Harley-Davidson
Harry Meyering Center
Health Partners

Hearth & Home
Hennepin County
Hills Country Greenhouse
Huntington Bank
Icario
ICS Chillers
Ignite
Imagine Print
Industry 4.0
Innova Industries
Integrity Tool LLC
Iron Mining Association
John Henry Foster
Kaehler-Cattle
Kendall Howard
Kenny's Amoco Auto Center
Kibble Equipment
Kindeva
KLN Family Brands
Knobelsdorff Electronics
Kraus Anderson
L and M Radiator
Lab Midwest
Lake Region Healthcare
Lake Ridge and Park View Senior Health & Living
Land O'Lakes
LB Homes
LGC Biosearch Technologies
Live Organically
Lodermeier
Lodermeiers
Louis Industries
Luther
M Health Fairview
Mark's Welding
Mayo Manufacturing
MD Health Fairview
Medica, Medtronic
Milaca Elim Care & Rehab Center
Mill Valley Kitchen
Minneapolis Institute of Art
Minnesota Public Radio
Minnetrionix Medical

MNyou Youth Garden
Murphy Automotive
Naylor's Heating and Refrigeration
Neilson Place Assisted Living
Nelson Auto Center
Neufeldt Industrial Services
New Wave Home Health Care
Nortech Industries
North Central Door Company
Northern Contours
Northern Dental Access Center
Northern Valley Machine
Northland Machine
Optum
Park Manufacturing
Park View Senior Health & Living
Patterson Companies
Paul Bunyan Communications
Paydac Plastics Inc.
Perham Health & Living
Pioneer Care
Plug Technologies
Polaris
Presbyterian Homes – Waverly
Prime Therapeutics
Quality Toyota
Ramsey County
RDO
Recovery Home Health
Red Wing Shoe
Regal Machine
Riedel Skates
Room & Board
Rosenbauer America
Rushford Manufacturing
Saint Theresa Sr. Communities
Sanford Health
Science Museum of Minnesota
Seachange Printing
Second Harvest Heartland
Select Urgent Care
Sheridan Neighborhood Clinic
Silt Sock

Sleep Number
 Smith Metals
 South Shore Veterinary
 SPS Commerce
 Stittsworth Meats
 Sturdiwheat Inc.
 Sun Country Airlines
 Surescripts
 Swan Machine
 Synsteli Community Services
 T&T Auto Repair
 Target Corporation
 Team Industries
 Teamvantage
 Trelleborg
 TGK
 Thomson Reuters
 Titan Machinery
 Toro
 Ultra Machining Company
 USG
 Vanco
 Vector Windows
 Vision Machine Inc.
 Walser
 Wenger Corporation
 Westfall Technik
 Whitaker Buick GMC
 Wilson Tool
 Wyoming Machine
 Xcel Energy
 Zavoral and Sons
Schools – Secondary
 Alexandria
 Ashby
 Battle Lake
 Bemidji
 Big Lake
 Bigfork
 Braham
 Brooklyn Center
 Buffalo
 Caledonia

Cambridge-Isanti
 Chisago Lakes
 Deer River
 Early College Academy
 East Grand Forks
 Edina
 Elk River Schools
 Fergus Falls
 Floodwood
 Forest Lake
 Frazee/Vergas
 Glencoe – Silver Lake
 Grand Rapids
 Greenway
 Henning
 Henry HS
 Hillcrest Lutheran Academy
 Hinckley Transition Program
 Houston
 Hutchinson
 Ivan Sands
 La Crescent-Hokah
 Lake Park Audubon
 Lewiston-Altura
 Lionsgate Academy
 Mabel-Canton
 Mankato Area
 Milaca
 Monticello
 Mora
 Mora Alt Learning Center
 Nashwauk-Keewatin
 New York Mills
 North Branch
 North High
 Northland Community Schools
 Osakis
 Osseo
 Owatonna
 Parkers Prairie
 Pelican Rapids
 Perham

Robbinsdale-Armstrong-Cooper

Roosevelt

Roseville

Rothsay

Rushford-Peterson

Brooklyn Center

South Washington County

Spring Grove

St. Cloud

St. Louis Park

St. Paul

Turning Points,

Underwood

Wadena/Deer Creek

Wayzata

Willmar

Zimmerman

Schools - Post-Secondary

Alexandria Technical

Anoka Ramsey

Century College

Hennepin Tech.

Hibbing

Itasca Community College

Mesabi Community College

Minneapolis College

MN State College Southeast

North Hennepin College

Northland Community and Technical College

Northwest Technical

Pine Technical and Community College

Ridgewater College

Southwest MN State

St. Cloud State

St. Kate's

St. Paul College

St. Thomas

University of Minnesota

Community / Other partners

Alexandria Area Economic Development Commission

Appetite for Change

Buffalo Chamber of Commerce

Centra Sota Cooperative

Central MN Jobs & Training Services

Chisago County HRA-EDA

City of Forest Lake

DECA

Economic Development Authority

Edina Chamber of Commerce

Edina Rotary

Freedom Farm Therapeutic Center

Genesys Works

Grand Rapids Area Foundation

Grassroots and Chamber Relations

Great Rivers Adult Education Consortium

Hennepin West CTE Consortium

HIRED

Minneapolis Chamber of Commerce

Minnesota Chamber Foundation

Network Training Institute

Northeast Job Economic and Training

Northwest Private Industry Council

Open Doors

Owatonna Area Chamber of Commerce

Red Wing Ignite

South Central Service Cooperative, South Central

Perkins Consortia

Southeast Service Cooperative, Southeast Perkins

Manufacturing, Houston County EDA, Fillmore County

EDA

Spark-Y

SWWC Service Cooperative

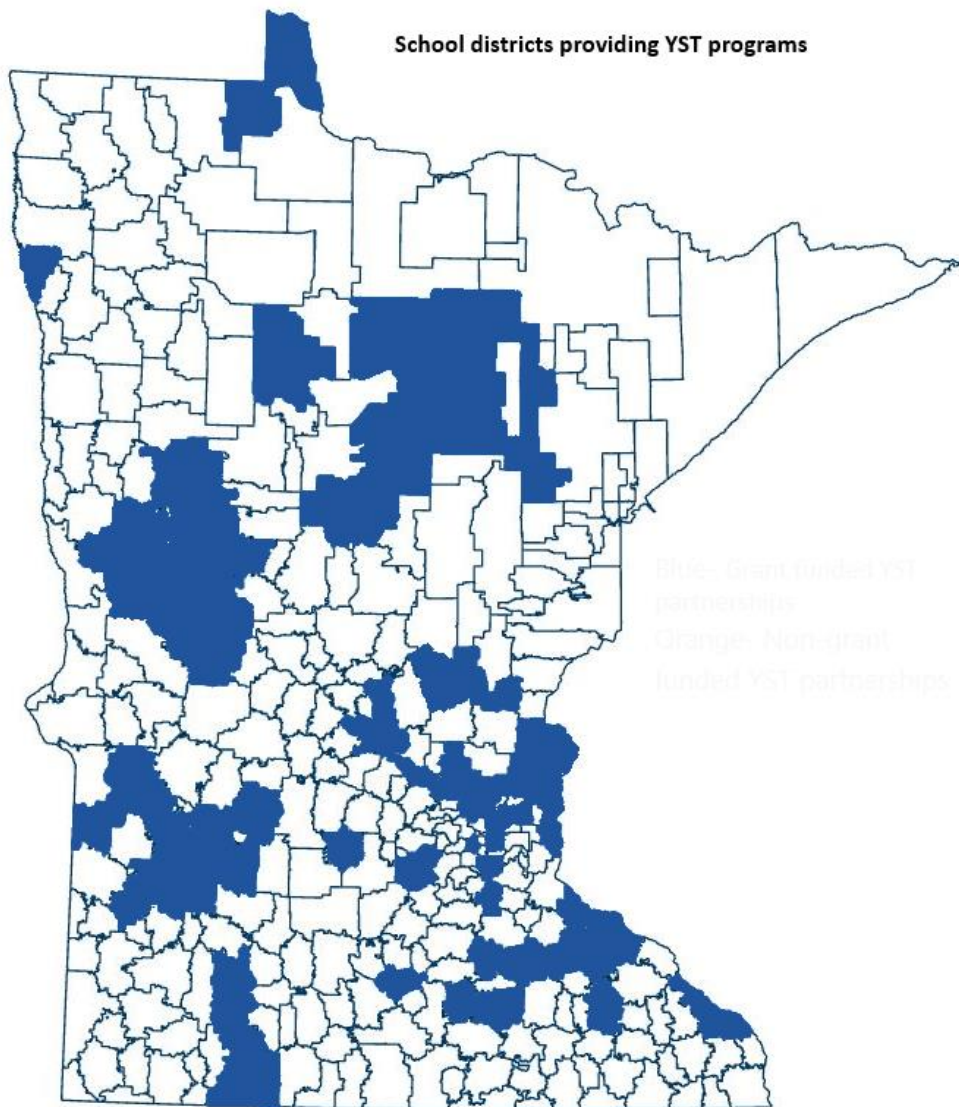
Twin Cities Rise

U of MN Extension Service

Washington County CareerForce Center

Washington County Economic Development

Willmar Lakes Area Chamber of Commerce



Map of all school districts participating in YST program.
 (Partnering school districts are highlighted in blue)

Appendix three: Employers approved to host YST student learners for paid work experience

3M Fall Protection (18+ site)	Dick's Northside
Accurate Home Care	Die Concepts
Acrotech	Domaille
Action Manufacturing	Eastey
Advanced Coil Technology	Ecumen
Advanced Extrusion	Elk River Machine Company
Aftermarket Solutions	Empirehouse
Alliance Machine	EPTAM Precision Manufacturing
Andersen Windows - North Branch	Essentia Health/Oak Crossing
Aroplax	Fairview Care Center
Atlas Manufacturing	Fairway Collision Center
Baldwin Supply	Fastenal
Bemidji Chrysler Center	Fedtech
Bemidji Steel Company	Felling Trailers
Bergen's Greenhouse	Ford of Hibbing
Birchwood Senior Living	Frontier Ag & Turf
BIX Produce Company	GALS Technology
Briards Welding	Gemini
Brunswick (New York Mills Operation) Lund	Genesys Works
BTD Detroit Lakes	Glen Metalcraft (Elemet Group)
BTD Lakeville	Granite Falls Healthcare
Buerkle Automotive	Grizzly Truss Fabricators
Cast Corporation	Guardian Angels
Central Research Lab	Gunner's Garage
Chandler Industries (Lindstrom)	Harold Precision Metals
Chandler Industries (Montevideo)	Hearth & Home (Lake City)
Choice Therapy	Hearth & Home (Lakeville)
Christian Brothers Automotive	Hibbing Fabricators
Climate By Design International (CDI)	Hoglund
Command Tooling	Innova Industries Inc.
Cornerstone Automotive (Elk River)	Johnson Screens
Cornerstone Automotive (Monticello)	Kendall Howard
Cretex (RMS Company)	Kenny's Amoco
Crystal Distribution Inc. (CDI)	Keystone Place at LaValle Fields
Cummins	Knobelsdorff Enterprises
Custom Iron	Landscape Structures
Delmar Company	LasX
Design Ready Controls	LGC Biosearch Technologies
Designed Cabinets, Inc.	Lowdermeier Farm Equipment

M & M Machining
Marksmen Metals
Meatal Craft
Midland Technologies
Midwest Industrial Tool & Grinding Inc.
Miller Ingenuity
Minnesota Equipment, Inc.
Minnesota Twist Drill
MME Group
MoCorp
Mold Craft
MRG Tool and Die
Navy Island
Naylor Refrigeration and Heating
Neufab (18+ site)
Nortech Systems (Bemidji)
Nortech Systems (Milaca)
North Central Door Company
Northern Dental Access Center
Northern Tool and Equipment
Orluck Industries Inc.
Parmly on the Lake
Paul Bunyan Communications
Pequot Tool
Permac Industries
PHS West
Polaris WSI
Pro Tech Automotive
Quanex Building Products
Range Steel Fabricators
RDO Equipment
Red Wing Shoes
Regal Machine
Renstrom Dental
Rigid Hitch
Roberts Automatic Products, Inc.
Rosenbauer
Samaritan Bethany - Rochester
Sanford Health (Bemidji)
Schmitt & Sons

Schwing America
SCS Elevator Products
Seitz Stainless
Seneca Foods
ShoreMaster
Showdown Displays (Sign-Zone, LLC.)
Silt Sock Inc.
Smith Metal Products
South Shore Vet Hospital
Spark-Y Youth Action Labs
Specialty Manufacturing
Spectralytics
Stamp-n-Storage
Stanford Health
Stewartville Care Center
Sturdiwheat
Superior Machine
Teamvantage
Terog Manufacturing
Tescom
The Terrace
Thern Winches & Cranes
Timron
Tires Plus/Bridgestone
Ultra Machining Company
UMA Precision Machining
USG (18+ site)
Valley Craft
Vista Tek
Walser Automotive
Waterjet Cutting Solutions, Inc.
WCS Industries
Wenger Corporation
Westfall Technik, Inc.
Whitaker Buick GMC
Whitewater Health Services
Winegar Inc.
Winnebago Manufacturing
Zerozone

Appendix four: Comprehensive timeline of Youth Skills Training program launch and implementation

Event	Date
Meeting with key stakeholders to introduce the YST program	Aug. 15, 2017
Program manager start date	Sept. 11, 2017
Webinar to introduce the YST program	Sept. 20, 2017
Design of YST program guide	Oct. 15, 2017
Pilot of initial YST program approval forms and process	January/February 2018
Webinar to provide updates about program and announce availability of grant funding	Jan. 16, 2018
Letter of intent to apply for YST grant funding created and posted	Feb. 1, 2018
Webinar to present YST grant application and answer questions	March 27, 2018
YST letter of intent to apply for grant funding due	April 5, 2018
YST grant applications open	April 6, 2018
YST grant applications due	May 4, 2018
YST grant round one recipients announced	June 8, 2018
YST grant recipients convened	Sept. 27, 2018
YST letter of intent to apply for second round of grant funding due	Oct. 5, 2018
YST grant applications for second round due	Nov. 2, 2018
YST grant recipients convened	Dec. 7, 2018
YST grant recipients for second round announced	Jan. 3, 2019
YST program guide publication	Feb. 1, 2019
YST legislative report submitted for year one	Feb. 1, 2019
YST legislative testimony provided by students, schools, employers	Feb. 27, 2019
Legislature approves additional \$500,000 in grant funding for YST partnerships	May 24, 2019
YST letter of intent to apply for second (B) and third round of grants due	Sept. 27, 2019
YST grant applications for second (B) and third round due	Oct. 28, 2019
YST grant recipients for second (B) and third round announced	Jan. 22, 2020
YST legislative report submitted for year two	Feb. 1, 2020
YST grantee convening webinar	April 8, 2020

YST grantee convening webinar	May 27, 2020
Grant round one closeout meetings	July 2020
YST letter of intent to apply for round four grant funding due	Nov. 4, 2020
YST round four grant applications open	Nov. 9, 2020
YST grant application Q and A webinar	Nov. 13, 2020
YST round four grant applications due	Dec. 4, 2020
YST grant round four recipients announced	Feb. 24, 2021
YST program guide updated	March 25, 2021
YST grant round two closeout meetings	July 2021
YST grant round four contracts start	July 1, 2021
YST grant round five applications open	Feb. 7, 2022
YST grant round five recipients announced	April 12, 2022
YST grant round three closeout meetings	July 2022
YST grant round five contracts start	July 1, 2022
YST grant round six applications open	Nov. 7, 2022
YST grant round six applications close	Dec. 2, 2022
YST legislative report submitted	Feb. 1, 2023
YST grant round six recipients will be announced	Feb. 14, 2023