

Clubs, Challenges, and In-Person Events

Program Name (hyperlink to website)	Location	Age Range			Time of Year	Description
		ES	MS	HS		
3M TECH	Twin Cities Area		X	X	Ongoing	3M employees with a variety of backgrounds and positions visit classrooms to discuss their work and career paths.
3M TWIST	Twin Cities Area		X	X	Summer	Math, science, and technology teachers spend six weeks working on an actual 3M research project.
4H S-T-E-M	Statewide	X	X	X	Ongoing	Minnesota 4-H STEM resources and activities and links to in-person events statewide.
ACE Mentor	Twin Cities Area			X	Sep-Mar	After-school program in which working architects, engineers, and general contractors teach students about their professions through hands-on activities, field trips, and a year-long design project.
Engineering Explorer Post	Twin Cities Area			X	Sep-Dec	Students learn about engineering at hands-on events hosted by local engineering firms.
Engineering For Kids	Twin Cities Area	X	X		Ongoing	Evening, weekend, and summer hands-on engineering programs.
Engineering Week	Twin Cities Area	X	X	X	Last week in Feb	Professional engineers visit schools during class, talk about their career, and lead hands-on activity.
FIRST Lego League, Tech Challenge, and Robotics Competition	Statewide	X	X	X	Varies (generally coincides with school year)	Students are tasked with designing and building a robot to complete objectives and compete with other teams. Various challenges available for different age ranges.
High Tech Kids	Statewide	X	X	X	Varies (generally coincides with school year)	Support and resources for FIRST Lego and Tech Challenge competitions and MN Renewable Energy Challenge, including "how-to" guides for starting up a team.
Kid Wind	Statewide	X	X	X	Monthly	Students form teams and compete with others around the country (and world) to build the most efficient wind turbine (parts available for purchase).
Project Lead the Way	Statewide	X	X	X	N/A	Nationwide STEM curriculum and educator training.