



# INNOVATION CENTER

of ST. VRAIN VALLEY SCHOOLS

## Innovation Center by the Numbers

### General Programming

*Leading Future-Ready Education*



#### Outreach: Projected for 24-25

##### Elementary Field Trips:

- Sept.-Jan. 31: 31 field trips | 1,861 students | 86 teachers | 354 parents
- Total Estimated: 3,824 students | 204 teachers | 845 parents
- Outreach So Far: 1,488 students | 70 teachers
- Total Participants 24-25: 5,312 students | 275 teachers
- Upcoming: Feb.-May outreach still to be scheduled

##### Mobile Lab: 18,000+ Students Served

- 23-24: 14,253 participants | 98 in-district events | 8 out-of-district events
- 24-25 (YTD): 6,600 participants | 35 in-district events completed | 10 scheduled | Summer events still to be planned, with many more to come.
- Cyber Explorer launched with 400 participants through Feb.
- Three out-of-district trips completed
- 25+ additional events expected
- 17 student teams from five high schools developing AI experiences for summer
- Cyber program is fully student-led and created and participants will present at three conferences

##### Summer Camps: 750 Students

- K-12 enrolled in Summer 2024

##### Drone Performance Team:

- 30 students on the team
- 25 have earned or are working toward their Part 107 commercial drone license
- Eight current and three former students work part-time for Colorado's leading private drone company
- 20 successful shows across SVVSD and beyond, including at seven St. Vrain high school homecomings
- 8,867 flights completed with a 97% success rate

### Workforce Readiness

*A Strong Competitive Advantage*



#### Work-based Learning:

- Project Teams Offered: 41
- IC Project Team Student Designers: 148
- Internships: 12 (completed or currently in progress as of February 2025)
  - Summer 2025: Anticipating 25-30 internships
- P-TEACH Apprentices: 24

#### Certifications:

- 18 different certifications offered
- 143 certifications earned in school year 23-24
- 291 anticipated certifications earned in school year 24-25

#### Concurrent Enrollment:

- 21 courses offered
- 179 students completed and earned credits in school year 23-24
- 224 enrolled and expected to earn credits in school year 24-25

#### Facility Use Requests:

- 1042 requests since 2019
  - 195 requests for 24-25 year to date

#### Classes:

- Growth from School Year 2018-19:
  - Seats: 520% increase
  - Unique Students: 522% increase
- Number of Classes:
  - 18-19: 16
  - 24-25: 79 (includes P-TEACH, internships, and industry certifications, 66 without internship and industry certifications)

### VEX Robotics 24-25

*Driving Growth in Robotics and STEM*



#### Total Teams: 265

##### Historical Teams

- 12-13: VEX IQ: 20 teams | V5: 7 teams
- 23-24: VEX IQ: 179 teams | V5: 86 teams

#### Total Students: 1,060

##### Season Tournaments: 25

##### Historical Tournaments

- 11-12: One tournament (V5 only)
- 12-13: Four tournaments (2 VEX IQ and 2 V5)

##### Hosting Three State Tournaments

- Trail Ridge | Feb. 28 & March 1
- Altona Middle | March 8
- Erie High | March 15

##### Top Ten Rankings in CO

- Six IQ elementary teams
- Three middle school teams
- Six V5 middle school teams
- Three V5 high school teams

##### Worlds Rankings

- Longmont High School Ranks First
- Silver Creek High School Ranks Eighth

##### Historical Data

- 21-22: 34 teams
- 22-23: 19 teams (number of qualifying spots changed)

VEX ROBOTICS   PROGRAM PARTICIPATION			
YEAR	PARTICIPANTS	YEAR	PARTICIPANTS
18-19	180	22-23	707
19-20	336	23-24	1003
20-21	503	24-25	1120
21-22	693	TOTAL	3392

## Programming Offered

Aeronautics  
Artificial Intelligence  
Bioscience  
Cybersecurity  
Drone Performance

Entrepreneurship  
Makerspace Field Trips  
Music Innovation  
Opportunity Climb (IT Certifications)  
Project Teams

P-TEACH  
Robotics  
Summer SuperSTEM  
Video Arts  
Virtual Reality & Digital Design