



Admissions Criteria Updated: Spring 2025

CO4E Zero is a computer science and robotics learning experience offered as part of the Monroe Township School District Enrichment Services gifted and talented programs.

CO4E Zero Admissions Criteria | In accordance with our district's responsibilities as referenced in N.J.A.C 6A:8-3.1, all programs designated "gifted and talented" use multiple data measures for selection criteria. Selection criteria scales to ensure program size is proper and instructional efficacy is maximized. For specific information regarding admission criteria, please visit [MTSD Gifted & Talented](#).

Prequalifying students must meet all criteria listed below:

ASSESSMENT DATA POINTS

6th Grade – 8th Grade Criteria

- ELA & Math MAP (Spring 2024) (90th–100th percentile)

5th Grade

- ELA & Math MAP (Spring 2024) (80th-100th percentile)

Prequalifying students will need to complete a resume that highlights their academic and extra-curricular achievements as well as their goals in computer science and robotics. Resumes will be assessed using the enclosed rubric. CO4E Zero has an enrollment capacity to ensure instructional efficacy.

About Code Zero | Designed in the spirit of the MTSD Summer and afterschool enrichment modules, CO4E Zero offers some of our school's most unique learners the opportunity to engage in rigorous learning experiences using VEX Robotics and some of the industry's predominant coding languages. Our modules are designed and instructed by certified district employees. Additionally, our modules are in direct alignment with our district's curricular and cocurricular robotics programs. There is no cost to participate in CO4E Zero



5th GRADE VIDEO PERFORMANCE ASSESSMENT

Category	4 Exceeds Expectations	3 Meets Expectations	2 Approaching Expectations	1 Does Not Meet Expectations
Content Completion	Intro included both questions fully answered with detail	Intro included; both questions answered	Intro or one question missing or weak	Intro and one or more questions missing or unclear
Time Requirement	Video is between 1:00–2:00	Video is 0:45–0:59 or 2:01–2:30	Video is 0:30–0:44 or 2:31–3:00	Video is under 0:30 or over 3:00
Delivery & Presentation	Clear voice, eye contact, not read	Mostly clear, minor reading	Frequent reading or unclear	Fully read, mumbled, or hard to follow
Response Quality & Effort	Insightful, original, thoughtful examples	Shows effort and thoughtful reflection	Generic or lacks detail, appears to be scripted or not in own words	Responses are vague or missing

Criteria	Excellent (4)	Good (3)	Developing (2)	Needs Improvement (1)
Role in Group Projects "What role do you take..."	<ul style="list-style-type: none"> - Clearly names a specific role (e.g., builder, programmer, leader, planner) - Gives a thoughtful example of how the role helped the team - Connects role to teamwork success 	<ul style="list-style-type: none"> - Identifies a general role - Gives a basic explanation of their contribution 	<ul style="list-style-type: none"> - Mentions a vague or unclear role - Offers limited or confusing explanation 	<ul style="list-style-type: none"> - Cannot identify a meaningful role - Response does not relate to teamwork
Robotics Strength & Self-Awareness "Which would you be better at..."	<ul style="list-style-type: none"> - Clearly chooses one strength (problem-solving, fixing mistakes, or generating ideas) - Gives solid reasoning - Connects it to <u>past experience</u> in robotics 	<ul style="list-style-type: none"> - Selects a strength - Gives a basic explanation that relates to robotics 	<ul style="list-style-type: none"> - Picks a strength but struggles to explain why it fits - Connection to robotics is weak or unclear 	<ul style="list-style-type: none"> - Doesn't pick a clear strength - Response is off-topic or unrelated
Team Conflict & Consensus Building "Imagine there's disagreement..."	<ul style="list-style-type: none"> - Describes a realistic, respectful solution to a disagreement - Includes a method for hearing all voices - Shows clear steps for building consensus 	<ul style="list-style-type: none"> - Provides a clear and reasonable way to handle conflict - Mentions compromise or listening to others 	<ul style="list-style-type: none"> - Acknowledges conflict but solution is vague or not well thought out 	<ul style="list-style-type: none"> - Struggles to describe a solution - Response is unrealistic or uncooperative
VEX IQ Game Knowledge & Strategy "What are the main objectives..."	<ul style="list-style-type: none"> - Shows strong knowledge of game rules, scoring, and goals - Suggests a creative, logical strategy aligned with the game manual 	<ul style="list-style-type: none"> - Understands the main goal of the game - Suggests a reasonable strategy 	<ul style="list-style-type: none"> - Shows limited understanding of the game manual - Strategy is vague or basic 	<ul style="list-style-type: none"> - Shows no understanding of the game - Strategy is unrelated or missing

Scoring Guide:

14–16 points: Highly Ready | Strong candidate who shows preparation, collaboration skills, and strategic thinking.

10–13 points: Ready with Potential | Demonstrates good understanding and motivation, with room for growth.

6–9 points: Developing | Shows some awareness and interest but needs further support and exposure.

Below 6 points: Needs Additional Preparation | Lacks familiarity with robotics expectations and needs foundational support.

