

StemRacing Club Bylaws

Affiliated with STEM Racing Competitions

Article I – Name and Purpose

Section 1 – Name:

The organization shall be known as the StemRacing Club.

Section 2 – Purpose:

The purpose of the club is to:

- Design, build, and race CO₂-powered dragsters in accordance with STEM Racing competition guidelines.
- Develop members' skills in engineering, design, branding, documentation, and testing.
- Promote teamwork, problem-solving, and innovation through competitive design challenges.

Article II – Membership

Section 1 – Eligibility:

Membership is open to all students enrolled in the school who are interested in CO₂ dragster design and competition.

Section 2 – Member Expectations:

Members must:

- Actively participate in meetings, work sessions, and competitions.
- Follow safety protocols during fabrication and testing.
- Collaborate respectfully with other members and teams.

Section 3 – Teams:

- Members may form teams of 3 to 6 members for the in-school competition.
- All teams will compete in the in-school competition.
- The top two teams from the in-school competition will be designated as:
 - Varsity Team – 1st place team.
 - Junior Varsity (JV) Team – 2nd place team.

- If either Varsity or JV has fewer than six members, they must select enough members from the general club to bring the team to six.
- All other members who are not on Varsity or JV may serve as Unofficial Support Members for either team.

Article III – Leadership Structure

Section 1 – Club Officers:

- President – Oversees all club operations and competition activities.
- Vice President – Supports the President and assists in all duties.

Section 2 – Team Leads:

After the in-school competition, each of the Varsity and JV teams will have the following positions:

- Documentation Lead – Responsible for competition notebooks, reports, and records.
- Branding Lead – Responsible for team branding, marketing, and public image.
- Design & Fabrication Lead – Oversees CAD, manufacturing, and assembly.
- Simulation & Testing Lead – Oversees performance simulations, testing, and analysis.

The President and Vice President will appoint these leads for each team from among the team members.

Team Leads serve only for the duration of that STEM Racing season and are re-appointed each season after the in-school competition.

Article IV – Terms and Vacancies

Section 1 – Term Length:

- President and Vice President remain in their positions until they step down or graduate.
- Team Leads serve for the current STEM Racing season only.

Section 2 – Vacancies:

- If the President steps down, the Vice President becomes President and appoints a new Vice President.
- If the Vice President steps down, the President appoints a new Vice President.
- If both the President and Vice President are stepping down at the same time, they must agree together on who will be the next President and Vice President before leaving their positions.

- If a Team Lead steps down or graduates mid-season, the President and Vice President will appoint a replacement from within the general club.

Article V – Meetings

Section 1 – Regular Meetings:

The club will meet at least once per week during the competition season.

Section 2 – Special Meetings:

The President or Vice President may call additional meetings as needed.

Article VI – Competitions

Section 1 – In-School Competition:

- All teams compete to determine Varsity and JV placement.
- Teams are evaluated based on race performance and design quality.

Section 2 – Regional and National Competitions:

- Varsity and JV will represent the school at regional competitions.
- The highest-placing team at regionals will advance to nationals.

Article VII – Amendments and Advisor Authority

Amendments to these bylaws may be made at any time if both the President and Vice President agree on the change.

The Club Advisor has the authority to:

- Propose amendments at any time.
- Approve, modify, or veto any amendments or existing rules.