

Brain-Drone Racing League

braindrone racingleague.com

School membership brief, for middle and high schools

WHAT IT IS

BDRL is the professional organization behind brain-drone racing, a sport where pilots wearing EEG headsets steer racing drones with focused thought alone. As a 501(c)(3) non-profit, BDRL brings the science and engineering behind the sport into middle and high school classrooms through school membership.

WHAT MEMBERSHIP INCLUDES

- **Coordinator School Portal:** one dashboard for roster, curriculum, schedule, and races.
- **BCI Curriculum:** league-published lectures, videos, and assignments in modules and topics.
- **Neuroblock coding studio:** students build drone-control logic with drag-and-drop blocks.
- **Student roster and portals:** up to 50 student seats, each with a secure student portal.
- **Race organizing:** single-elimination brackets, practice scheduling, and your own race days.
- **Flight Simulator:** practice runs before real flight.
- **Performance analytics:** focus score, completion time, and race history per student.
- **Planning tools:** team boards, notes, and a brainstorm canvas.
- **Live updates:** in-portal notifications and full account management.
- **Technical support:** email support and virtual onboarding from the BDRL Technical Team.

WHAT YOUR SCHOOL NEEDS

- An indoor flying space such as a gym, cafeteria, or multipurpose room.
- Reliable Wi-Fi in the flying area, on a network that allows device-to-device connections.
- A coordinator: a teacher or club advisor who owns the portal and runs race days.

HOW SCHOOLS PAY FOR IT

- Department budget (science, computer science, CTE, or athletics).
- STEM grants: membership fits typical district and state STEM grant criteria.
- PTA or booster funding.
- Student fees, where district policy allows.

WHAT HAPPENS AFTER YOU APPLY

1. Apply

A ten-minute form: school details, your role, space and Wi-Fi, how you plan to use it.

2. Review

We read every application and reply by email, usually with a few questions.

3. Onboarding

A virtual session with the BDRL Technical Team to set up portal, roster, and equipment.

4. First race day

Students learn the science, practice in the simulator, then fly. You host the bracket.

GOOD TO KNOW

- **Grades:** middle and high school. No coding experience required; Neuroblock uses drag-and-drop blocks.
- **Safety:** indoor racing in a defined space with fail-safes and collision avoidance; students practice in the simulator first.
- **Student data:** names, race results, and focus scores stay in your school's portal, visible to your coordinator and BDRL. No advertising, nothing sold.