

Position Description

Position :	Robotics Teaching Assistant & Robotics Assistant Coach
Reporting Relationship:	Secondary School Principal
Working Relationship :	Secondary School Principal, Head of Design
Employment Status :	Full time
Workdays:	Sunday - Thursday

ISD is building a community of responsible, compassionate life-long learners who are committed to a sustainable future. It is expected that as an IB Teacher will model the qualities of the IB learner profile and attitudes and be an active member of our learning community. International School Dhaka is a well-established, authorized IB World School offering PYP, MYP and DP programs. We are also accredited by the Council of International Schools (CIS) as well as the New England Association of Schools and Colleges (NEASC).

Job Summary

Support the lead instructor in delivering robotics lessons and provide technical assistance during extracurricular programs to promote STEM and robotics education in alignment with the IB philosophy through hands-on robotics, programming, and engineering activities. Inspire creativity, critical thinking, and teamwork.

Candidates must commit to ongoing professional development to stay current with the latest technologies and instructional strategies needed to support the program effectively.

Key Responsibilities

1. Classroom Support

- Lesson Assistance: Aid the lead instructor in teaching robotics principles (VEX, LEGO).
- Student Engagement: Guide students in small groups for hands-on projects.
- Preparation & Setup: Organize materials and prepare robotics equipment.
- Troubleshooting: Help students resolve coding and hardware issues.

2. Extracurricular Assistance

- After-School Camp: Oversee clubs, enhancing student robotics skills.
- Competition Prep: Train students for VEX & LEGO competitions, handling logistics.
- Inclusive Environment: Foster engagement across diverse backgrounds.

3. Equipment Management

- Maintain Equipment: Ensure robotics kits and software are ready and updated.
- Inventory: Track and order supplies as needed for classes and clubs.

4. Student Mentorship

- Project Guidance: Offer feedback on programming and design projects.
- STEM Development: Inspire students to build skills in robotics and teamwork.

Qualifications

- **Education:** Bachelor's degree (or in progress) in STEM (e.g., Computer Science, Engineering).
- **Skills:** Experience with robotics platforms (VEX, LEGO, Arduino) and programming (VEXcode, Scratch, Python).
- **Experience:** Previous teaching or tutoring experience in STEM is preferred.
- **Technical Skills:** Familiarity with classroom technology (e.g., smartboards, CAD software).

Work Environment

- **Classroom-Based:** Primarily in labs and classrooms with flexible hours, including after-school activities.
- **Physical Requirements:** Capable of handling robotics equipment as needed.

Application Process

To apply for the vacant position, please submit your resume to hr@isdbd.org with the subject line **"Application for Robotics Teaching Assistant"** by 5th February, 2025.