STEM Teacher

Boca Prep International School seeks a STEM Teacher to join our team. The STEM Teacher is a key member of the faculty responsible for teaching foundational technology, engineering, and computer science skills to students across the school. This position supports the integration of technology and design thinking throughout the curriculum while fostering a learning environment that promotes curiosity, problem-solving, perseverance, and responsible digital citizenship. The ideal candidate is a collaborative, innovative educator who combines strong technical knowledge with a passion for working with young learners. This teacher will work closely with classroom teachers, support cross-disciplinary initiatives, and maintain the technology and robotics resources.

Founded in 1997, Boca Prep has been an independent school providing a student-centered, college-preparatory, International Baccalaureate (IB) education for students in preschool through 12th grade. The school was IB authorized in 2009 and became an IB World School in 2016, offering all three International Baccalaureate programs, as well as extracurricular activities, community service, performance programs, and the performing arts, all of which are emphasized alongside the highest expectations for academic engagement and attainment. With over 50 countries represented in our student body, Boca Prep has developed its own community with an international perspective. With small class sizes and an experienced, caring faculty, we help students become lifelong learners and global citizens.

Boca Prep is an International Education Systems (IES) school. Students and faculty from IES schools are members of a worldwide network of international schools that collaborate, share expertise, and facilitate cultural and linguistic exchange. IES schools focus on the individual student through small classes, mentoring, and a personalized learning system. IES schools stress internationalism, whether through IB programmes or national programmes that include an emphasis on internationalism, privilege language learning as a key skill in a globalized world, promote academic rigor, stress the development of character, self-discipline, and learning how to learn, and are flexible about the distinctive needs of the different societies and communities that they serve.

Key Responsibilities:

- Teach developmentally appropriate courses to lower school students, including:
    - Computer skills (keyboard, mouse, file management)
    - Digital citizenship and appropriate technology use
    - Introduction to coding and computational thinking
    - Robotics, coding, and engineering concepts using hands-on materials
    - Internet safety and responsible online behavior
    - Age-appropriate educational software and applications

    - Creative problem-solving and design thinking through the engineering design process, fostering perseverance and curiosity
    - Collaborative projects that build teamwork, communication, and empathy
- Teach developmentally appropriate courses to upper school students, utilizing the design cycle and MYP framework as appropriate.
- Champion AI use on campus and serve as an AI subject matter expert.
- Manage the Bring Your Own Device iPad/laptop program on campus.
- Partner with teachers to integrate technology into student-centered, inquiry-based instruction.
- Provide leadership in selecting and implementing instructional technology tools and platforms.
- Uphold and model the school's core values and community expectations.
- Design and facilitate professional development for faculty.
- Support faculty use of the LMS, Google Apps for Education, and future instructional systems.
- Serve as the on-site point of contact and subject matter expert for the school's LMS/SIS.
- Collaborate with classroom teachers to integrate engineering, robotics, computer science, and technology across the curriculum.
- Facilitate hands-on experiments, project-based learning, and design challenges to promote the practical application of engineering principles.
- In collaboration with the IB Coordinators and colleagues, adapt material and methods to develop relevant sequential assignments and unit & lesson plans that guide and challenge students.
- In the classroom, establish and maintain student behavior standards needed to achieve a positive classroom environment; demonstrate strong classroom management skills to maintain a respectful learning environment that ensures high levels of learning for all students.
- Provide consistent and regular feedback to students and their parents through the school's LMS, report cards, and anecdotal comments.
- Be an active member of the Boca Prep school community.
- Use a variety of instructional strategies to meet the needs of diverse learners.
- Foster a safe, respectful, and nurturing classroom environment.
- Assess and monitor student progress through formative and summative assessments.
- Communicate regularly with parents and guardians about student development and learning.
- Maintain subject matter expertise and professional competence by attending faculty development programs, curriculum development meetings, and other professional development opportunities.
- Incorporate 21st-century teaching skills into the curriculum and integrate appropriate educational technology in a 1:1 BYOD classroom.
- Model and foster non-discriminatory practices and a global mindset.
- Be a role model of integrity and professionalism.
- Be a team player; cheerfully participate in and/or assist with pick-up and drop-off, lunch duty, assemblies, field trips, Back to School Night, and other duties and routines regularly part of a PK-12 independent school environment.

- Maintain regular, punctual attendance, including school meetings, professional days, graduation, and other required events.
- Adhere to School policies as described in the Employee Handbook and other materials.

Qualifications:

- Bachelor's degree in Education or a related field (Master's preferred).
- Strong classroom management and communication skills.
- A deep understanding of child development and differentiated instruction.
- A high degree of professionalism, collegiality, and personal conduct both in and outside of school.
- Ability, willingness, and judgment to interact and communicate effectively and positively with all constituents in a school environment.
- Comfortable with ambiguity and change inherent in a school environment; willingness to adapt and pivot as needed.
- Have or complete within one year the Category One training with the IB; may be required to complete training over the summer; Boca Prep pays for the training.
- Experience in developing and implementing project-based learning curriculum for young children.
- Commitment to continuous professional growth and development.
- Willingness to be involved in the life of the school.
- Proficiency in the Google Suite (Docs, Sheets, Drive, etc.) is required.
- Excellent verbal, written, and presentation communication skills.
- Preferred: Demonstrated expertise and a minimum of three years of classroom teaching.
- Preferred: Prior experience teaching in an independent or private school setting.
- Preferred: Prior experience in an International Baccalaureate school.

Compensation includes a comprehensive employee benefits package; Boca Prep offers a competitive salary commensurate with background and experience. Qualified candidates should send a resume/CV, a statement of interest, and salary expectations to Chuck Maddox, Head of School: chuck.maddox@iesmail.com