



American School of Bombay

Our Mission

We inspire all of our students to continuous inquiry, empowering them with the skills, courage, optimism, and integrity to pursue their dreams and enhance the lives of other.

Job Description

Position: ES Teacher - STEM and Innovation Coach
Division: Elementary School
Supervisor: Elementary School Principal
Contract: Initial two-year contract

Position Summary:

With a desire to continue to be at the vanguard of innovative educational thinking, The American School of Bombay is seeking TWO outstanding candidates to form a **STEM and Innovation** coaching team, PreK-Grade 5. Through coaching, modeling, adept resource coordination, and co-teaching, these positions will require a high degree of leadership, collaboration, and instruction of the highest caliber. With a love of math and science, the successful candidates will work in partnership with each other, classroom teachers and other specialists, empowering all our educators to deliver a program that uses data to inform teaching, builds essential student skills, and inspires deep inquiry. With a proven ability to apply science and math content knowledge, formative assessment, and authentically integrate technology, the team will use coaching cycles to support and enhance teaching across the Elementary School. With a responsibility to create and manage an environment where authentic making and building opportunities are readily accessible to students across the school, the team will constantly be seeking ways support innovative classroom instructional practice.

The ideal candidates will understand how to provide rigor, be able to discern the learning needs of a diverse range of students and be inspired to extend authentic learning experiences within the context of a progressive elementary school environment. The strongest candidates will have experience working with faculty members and students in an inclusive learning context that features a transdisciplinary, inquiry-based curriculum.

The ASB Mission and Core Values guide our work.

Responsibilities:

These responsibilities be shared between the two person team based on the individual skills each member brings to the team.

- Collaborate with elementary school educators to plan and implement a developmentally appropriate STEM program within our Units of Inquiry
- Assist teachers with the implementation of AERO Mathematic standards, including the Standards for Mathematical Practice.
- Help create common assessments across all STEM disciplines.
- Provide coaching and modeling for teachers in organizing STEM instruction, student assessment, lesson design and related instructional delivery.
- Engage students in making and design related to classroom study and independent inquiry
- Develop and teach STEM classes in a variety of grades across elementary school
- Supporting the meaningful implementation of AR and VR technology
- Contribute to the professional learning of the educators related to innovative transdisciplinary STEM and Maker practices, gather resources, and connect colleagues with current trends.
- Actively co-create a school culture that is committed to being at the leading edge of elementary education.
- Use documentation and reporting to make learning visible to students, parents, and larger community.
- Be available during student break times to support individual student inquiry, making, etc.

- Work to keep the DaVinci Studio and Makerspaces across the elementary campus organized, well-stocked, and engaging for students.
- Collaborative with the Director of Technology, Transdisciplinary Coach and Coordinator (PYP) and others in coaching roles to provide a highly cohesive transdisciplinary program.
- Orcehrate at least eight STEM Maker Saturday events each school year.
- Possess and relay a deep understanding of AERO, ISTE, NGSS, and C3 standards.
- Perform general troubleshooting and required maintenance of Makerspace and science equipment.

The [Teaching Standards Framework](#) guide the responsibilities of an ASB Educator.

Core Values

We believe that...

Each person has equal intrinsic value.

People are responsible for the choices they make.

All people have potential for growth.

Internal motivation is the most powerful driver of learning and success.

A balanced lifestyle is the essence of well-being.

Mutual trust and respect are essential for healthy, enduring relationships.

Embracing our interdependence is vital for community to flourish

Practice, perseverance, and reflection are integral to a culture of excellence.

We are the trustees of our environment.

The Ideal Candidate Will Have:

- Excellent interpersonal and communication skills that promote collegial interaction. We are a positive, warm and highly collegial international school that works with respect for each other.
- A willingness to step-in, step-up, and support colleagues and students
- A commitment to contributing to the cultural competence of our community. As a progressive international school with families from over 40 different nations, we recognize our responsibility to growing engaged global citizens equipped with empathy, courage, optimism, and integrity.
- A sense of humor and ability to connect with a range of student and adult learning styles.
- A demonstrated capacity to build and inspire a community of scientific thinkers, designers, and makers.
- High energy, and be hardworking, organized, and reliable with a steadfast focus on safety
- An understanding of the application of Next Generation Science Standards, AERO Math standards and their relationship to other learning standards (ISTE, C3)
- Experience with an inquiry-based framework
- A minimum of three years relevant teaching experience in a K-12 accredited school
- Master's degree from an accredited university and teaching certification
- A demonstrated commitment to professional development and a growth mindset about personal learning

Child Protection and Safety:

The American School of Bombay promotes a safe and positive community and has a special obligation to protect students. All Employees are bound by the Code of Conduct and required to submit a government issued background verification. All members of the community are responsible for the safety and well-being of every child.

Note:

All American School of Bombay employees will have a job description which will outline responsibilities, specific duties and delineate lines of reporting. However, at times, an employee may be assigned a task that is not spelled out in their job description including a job customarily assigned to another individual. In such cases, it is essential that a collaborative spirit of collegial interaction is demonstrated. Supervisors will keep in mind the job description when assigning tasks and adhere to the spirit, if not the letter of the job description.