

SHANGHAI AMERICAN SCHOOL

JOB DESCRIPTION

TITLE: COMPUTER SCIENCE TEACHER
CAMPUS: Puxi High School
SCALE: Teacher Salary Scale
CONTRACT DAYS: Up to 191

POSITION SUMMARY:

Teachers within Shanghai American school are recognized, along with students, as the school's most valuable resource. Faculty members are recruited and offered employment based upon prior exemplary teaching performance. Teachers must be fully credentialed/certified for their respective assignments and must maintain both teaching excellence and credentials throughout employment. Typically, to be offered employment, faculty members must indicate a willingness to commit to three years of excellent service to our students.

The *Computer Science Teacher* is responsible for developing and delivering learning experiences that empower students to solve authentic problems in innovative ways, within a local and global context relating to STEM. Using their skills in collaboration with colleagues, the *Computer Science Teacher* (Grd 9-12) will assist with the creation of curriculum, and teaching of classes that leverage existing experiences, optimize existing facilities/resources, and prioritize learning throughout the fields of Java Programming, Web Design, Game Design, Mobile Applications, Robotics and Virtual Reality. These classes will be delivered both as externally and internally assessed curriculums. Previous experience in AP Computer Science - A, AP Computer Science Principles, and IB Computer Science (SL/HL) essential to any successful applicant.

SUPERVISED, EVALUATED BY & REPORTS TO:

The High School Principal.

QUALIFICATIONS & SKILLS:

- Bachelor's degree in Education or Computer Science/related field.
- Masters degree in relevant field preferred.
- Experience teaching AP and/or IB Computer Science essential.
- Experience teaching STEM subjects preferred.
- Experience in Robotics preferred.
- Experience with Makerspace technologies preferred.

PERFORMANCE RESPONSIBILITIES:

- Provide day-to-day instructional excellence to each student.
- Actively support and promote the school's philosophy, mission, and goals.
- Work cooperatively with fellow-staff members and administrators in curriculum design, assessment and implementation as it pertains to specific grade levels and programs.
- Work cooperatively with parents to meet the needs of students and to promote the philosophy and goals of the school.
- Coordinate and implement at the classroom level appropriate student

assessments and to utilize assessment results in a prescriptive, constructive manner to promote student learning.

- Be knowledgeable and utilize standardized testing and other assessment data to deliver appropriate instruction to each student.
- Actively participate in school sponsored events & activities
- Actively support the School through participation of the after school activities program.

RELATED SKILLS AND QUALITIES:

- Programming experience in object-oriented languages (Ideally Java).
- Be comfortable working with both hardware and software to problem solve.
- A willingness to learn and a growth mindset
- Oral communication skills in both one-on-one and public settings
- An ability to understand and respect families' priorities and values
- Multicultural competency and sensitivity to gender, sexuality and personal identity
- A demonstrated interest in working with adolescents and in understanding adolescent development as it pertains to appropriate choices for students
- An interest in engaging voluntarily with student activities, performing arts, athletics, etc. to understand and support school culture
- Empathy and self-awareness
- A sense of humor
- A team-minded, collaborative attitude
- Excellent interpersonal, speaking and writing skills.

SAS BELIEVES:

- That each employee makes a significant contribution to our success.
- That contribution should not be limited with the assigned responsibilities.

This position description is designed to outline primary duties; qualifications and job scope, but not limit the employee or SAS to only the work identified. It is the expectation of the School that each employee will offer his/her services wherever and whenever necessary to ensure the success of our organization.