

The American School in London

High School Mathematics Teacher

Reporting to: the High School Principal

Hours: full time

Start date: 15 August 2017

Salary range: Competitive rates apply, from £39,597 to £86,884

Overall purpose

The high school mathematics teacher is responsible for delivering an American math curriculum to students in an engaging, stimulating and effective manner, using varied instructional strategies. The ideal candidate will demonstrate the ability to promote inquiry-based learning, in which students work both collaboratively and independently to create new knowledge, share materials, problem solve and discuss mathematical concepts. The mathematics teacher will plan and deliver courses including algebra, geometry, trigonometry, pre-calculus and calculus, differentiation and basic integration, data analysis and statistics, as well as foundation and Advanced Placement level courses.

Summary of duties

- Teach five sections of high school mathematics across Grades 9 to 12 or four sections of mathematics plus an advisory class
- Prepare, coordinate and plan the curriculum with other members of the math department, and liaise with other departments where appropriate
- Exhibit knowledge of current trends, pedagogy, research, and topics of importance in mathematics education by applying it in the classroom and sharing it with teachers on a departmental and school-wide basis
- Monitor and evaluate students' progress, prepare for parent conferences, grade assessments and complete report cards, etc.
- Demonstrate facility using technological tools, such as spreadsheets, graphing calculators, dynamic geometry software, and web browsers as an integral part of mathematics instruction
- Take responsibility for the safety and well-being of all students, while delivering an engaging and challenging syllabus
- Organize and participate in field trips to facilitate active learning
- Participate in regular, purposeful mathematics pedagogy meetings around standards based education and in mathematics professional development sessions
- Provide continuity of the students' educational experience to allow smooth transition from/to the US education system
- Participate actively in the life of the School, through attendance at events, committee membership and leadership of extracurricular activities

- Any other duties as are within the scope, spirit and purpose of the job as requested by the Principal

Selection criteria

Essential qualifications/experience:

- A bachelor's degree in a relevant discipline
- Substantive successful teaching in a school setting, with substantive experience teaching mathematics
- A proven commitment to the safeguarding and welfare of children
- Experience and commitment to collaborative working in a team-focused environment
- Significant recent professional development germane to the position
- Strong oral and written communication skills
- Commitment to and facility with integration of technology in the service of student learning
- Experience in a school with a similar teaching philosophy to that of ASL, which employs comparable teaching methods and standards based curricula, or to have received training that will adequately prepare the candidate for the American style of teaching required by the School
- Experience teaching an American curriculum and familiarity with research-based best practices in American pedagogy
- Experience with differentiating instruction to meet the learning needs of all students
- Willingness to contribute to school life and activities in additional ways through coaching, advising and special projects
- Ability to support and nurture the school-home partnership

Desirable qualifications/experience:

- Advanced degree preferred
- Knowledge and understanding of international and/or independent school communities

This position description is current at the date shown but following consultation may be changed to reflect or anticipate changes in the role that are commensurate with the job title and salary.

The American School in London is committed to safeguarding and promoting the welfare of children and young people and expects all employees and volunteers to share this commitment. Safer recruitment practice and pre-employment checks will be undertaken before any appointment is confirmed. A disclosure from the Disclosure and Barring Service will be requested for all successful applicants.

Diversity and equality of opportunity are cornerstone values of The American School in London.