



Position Title: Upper School Chemistry Teacher
Position Status: Full-time
FLSA Classification: Exempt
Reports To: Division Head and Science Department Chair

Position Purpose

Teach Chemistry (1 AP Chemistry, 1 Honors Chemistry 10th grade, and 2 College Prep Chemistry 10th grade) to high school students through collaboration with a team that is a leader in science education. Develop lesson plans in line with curriculum objectives and SCH science curriculum maps. Promote student interest in science opportunities and careers.

Essential Functions

- Teaches Upper School AP Chemistry and Chemistry (honors and college-prep) and a chemistry-based elective on alternating years.
- Serves as an advisor to a grade-level group of Upper School students and performs expected functions in that role as outlined by the Head of Upper School and Dean of Student Life.
- Collaborates with co-teachers who are teaching the same course to develop daily lesson plans, curricular materials, and assessments.
- Prepares course objectives and outlines the course of study following curriculum guidelines and any school requirements as mentioned in the mission statement.
- Demonstrates, models, and designs learning experiences that foster 21st century STEM learning skills in students.
- Demonstrates, models, and designs learning experiences that foster diversity, equity, and inclusion.
- Integrates technology as an essential and regular component of student learning experiences.
- Prepares, administers, corrects, and records assessment results in a regular and timely manner.
- Differentiates instruction to meet the needs of students.
- Provides students with a variety of formats by which they can demonstrate skill mastery.
- Provides timely and regular feedback on students' progress toward skill mastery.
- Teaches rules of conduct and creates a warm and welcoming learning environment.
- Maintains order and enforces school policies in the classroom and throughout common areas of the campus.
- Counsels pupils when adjustment and academic problems arise.
- Discusses pupils' academic and behavioral attitudes and achievements with parents.
- Keeps daily attendance and records of students' progress.
- May coordinate field trips.
- May chaperone overnight field trips up to one week in length as part of the science or Upper School program.
- Collaborates within the Science Department and with all departments and offices as required or requested.
- Attends work and arrives/departs work at the appropriate times as determined by the immediate supervisor.
- Assumes other reasonable and equitable job-related duties assigned by the immediate supervisor, some of which occur on weekends and evenings, including Science Department initiatives like participating in the Philadelphia Science Festival, science competitions, etc.
- Attends professional development programs each year.

Qualifications

- Excellent communication skills, both oral and written.
- Ability to develop and implement curriculum, assessments, and utilize teaching methodologies/best practices.
- Strong background in chemistry with advanced degree preferred.
- Strong interpersonal skills and the ability to work effectively with a wide range of constituencies in a diverse community.
- Knowledge of content, curriculum, methods, materials, and equipment for chemistry education.
- Knowledge of 21st-century learning skills and practices, current science standards, and inquiry-based pedagogy.

- Knowledge of applicable safety procedures.
- Ability to provide a supportive, caring, and positive environment for students and to maintain classroom discipline.
- Knowledge of child development theory and practice.
- Strong knowledge of personal computer skills with experience in the use of web-based applications, including course management programs, Google Drive applications, MS Office applications, and email.
- Comfortable with a team-based work structure; ability to demonstrate flexibility on the job.
- Demonstrates initiative, is conscientious, and provides complete follow-through on areas of responsibility.
- Demonstrated sensitivity, knowledge, and understanding of the diverse backgrounds of community members with a continuous focus on healthy relationship building.
- Demonstrated deep understanding of cultural competency skills and enthusiasm for issues of diversity, inclusivity, and multiculturalism.
- At a minimum, a bachelor's degree in chemistry.
- At least two years of experience teaching chemistry.

Physical Requirements and Work Environment

- Work in an environment dealing with a wide variety of deadlines and a varied and diverse array of contacts.
- Regularly use close and distance vision.
- Turn, bend, reach, and occasionally climb.
- Work in a traditional climate-controlled classroom environment with a moderate noise level.
- Be able to occasionally lift up to 20 lbs.

Application Procedures

Interested candidates, please **e-mail** a cover letter, resume, statement of educational philosophy, and contact information for three references to careers@sch.org.

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