



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

Position Purpose

Teach four sections total of Chemistry (10th grade) and Physics (9th 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 Chemistry and Physics.
- 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 Students.
- 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 students when advising and academic problems arise.
- Discusses students' academic progress with the students' advisor and parents as needed.
- Keeps daily attendance and records of students' progress.
- May coordinate field trips and/or chaperone field trips 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.
- Performs additional duties as assigned by the Department Chair and/or the Division Head.

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 and Physics 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 and physics 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 systems (ex. Google Classroom), and the Google suite of applications.
- 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, equity and inclusion.

- At a minimum, a bachelor's degree in chemistry or physics.
- At least two years of experience teaching chemistry and/or physics.

Physical Requirements and Work Environment

- Be able to occasionally lift up to 30 lbs.
- Regularly use close and distance vision.
- Able to move around a classroom and other school environments.

Application Procedure

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

Springside Chestnut Hill Academy is an Equal Opportunity Employer.