



Position Description

Position Title: Teacher for Lower School Science and Technology/Robotics Instructor

Department/Division: Lower School

Reports to: Head of Lower School

Position Status: Exempt

Created/Updated: January 2022

Position Summary:

Lancaster Country Day School seeks an experienced science and technology teacher starting in January 2022. Responsibilities include overseeing the science and technology curriculum preschool through 5th grade with some classroom teaching. Our curriculum is based on inquiry and hands-on lessons that excite the student and cultivate life-long learning. Lancaster Country Day School supports the active engagement of students, the use of technology, and faculty professional development.

Requirements:

- Bachelor's degree in education with strong background in science and technology (science education degree preferred)
- Experience with STEAM, coding and robotics
- Interest in offering and supporting extracurricular science activities such as after-school, weekend, and summer programming
- Three years of full-time teaching experience at the Lower School level would be ideal
- A desire to build and sustain an inclusive and equitable working and learning environment for all constituents (students, staff, and faculty)
- Willingness to work collaboratively with faculty and students from a wide range of disciplines, cultures, and academic backgrounds is essential.

Responsibilities:

- Oversee the Lower School science, engineering, and technology curriculum scope and sequence in order to prepare students for Middle School level courses.
- Meet weekly with classroom teachers at each grade level to discuss plans for science and technology lessons that week. Help with set-up and clean-up of LS science activities as needed to support the classroom teachers.
- Teach at least one class weekly at each LS grade level in science, robotics, coding or technology integration.
- Hold LS after-school robotics/coding enrichment programs for grades 1-5.
- Maintain the cleanliness and organization of science materials in the Lower School Science lab as well as the robotics labs.
- Order new or replacement materials to support classroom and robotics activities as needed. Maintain the LS Science budget.
- Plan, implement, and lead a Family Science Night every other year for the LCDS community.

- Attend the IU13 POC meetings for science and technology and coordinate and serve as coach for relevant IU13 and other STEM competitions.
- Enhance curriculum and instruction as well as ensure consistent delivery of curriculum
- Integrate technology throughout the LS curriculum
- Demonstrate good classroom management
- Collaborate closely with other faculty members (departmental, grade-level, and school-wide) to align curriculum across subjects, to improve one's own and others' instructional practices, and to share best practices
- Participate actively in professional development activities
- Perform other related duties as required and assigned