LEAD TECHNOLOGY TEACHER

JOB DESCRIPTION

REPORTS TO: Division Heads

CLASSIFICATION: 10 months; Exempt

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Teachers at Tower School are passionate, innovative, and dedicated members of the Tower community who embrace the philosophy and traditions of the School while always striving for excellence. Teachers are committed to individual and professional growth, value and respect every member of the community, and are devoted to helping students achieve success. Teachers demonstrate commitment to the mission and values of Tower School.

Position Summary: The Lead Technology Teacher is responsible for designing and teaching the technology curriculum for 3rd through 8th Grade students. In addition, the Lead Technology Teacher collaborates with PK-2nd grade teachers to design activities in one of the School's two technology labs or in the classroom. Tower School has coding classes for third through fifth grades with a focus on coding skill development as well as general logic, problem solving, and programming concepts. Upper School students (sixth through eighth grades) continue learning programming languages and apply learned skills to complete independent projects. In addition to instructional responsibilities, the Lead Technology Teacher supports the School's 1:1 iPad program and is a member of the Technology Support Team.

Essential Duties and Responsibilities:

Instructional:
- Develop specific technology curriculum with various classes that included game programming, app programming, logic and critical thinking. Courses should be developmentally appropriate and engaging.
- Plan, prepare, and deliver instructional activities to students in grades PK-8.
- Must have critical thinking and troubleshooting skills.
- Must have strong general technology skills.
- Must have strong coding skills.
- Must demonstrate a high level of initiative.
- Must have a high degree of flexibility.
- Must have excellent communication skills, both oral and written.
- Demonstrated experience in organizing, conceptualizing and prioritizing objectives.
- Perform ongoing evaluation of the effectiveness of the instructional technology.
- Effectively manage the classroom by implementing discipline, time management, and organization consistent with school policy.

Teaching and Learning Environment:
- Creates a learning environment that is motivating and age appropriate.

- Embraces the tenets of Project Based Learning.
- Sets clear expectations for class work, homework, and behavior in the classroom.
- Maintains current instructional resources that support classroom learning.
- Seeks to actively know students' strengths and weaknesses.
- Responds promptly and with care to parent concerns.
- Communicates effectively with parents, colleagues, and administrators.
- Maintains an accurate and organized system for monitoring student grades and records.
- Prepares well-thought out and thorough conference reports and other written documentation on student progress.
- Maintains substitute plans and engages substitutes in advance when possible.
- Demonstrates classroom management skills.

Professional Development:
- Demonstrates a willingness to learn, grow, and improve as a teacher.
- Continues to update knowledge of content area(s) taught.
- Strives to set meaningful and challenging goals as part of the goal setting and review process with assigned administrator.
- Attends and participates appropriately in full, divisional, and departmental/team faculty meetings.

School and Community:
- Maintains a positive attitude and approach and supports colleagues.
- Represents Tower School in a positive and mature manner throughout the greater community.
- Participate in Admission / Enrollment events throughout the school year.
- Other work-related duties as assigned by administration.

QUALIFICATIONS: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE: Bachelor's degree with prior teaching experience. A Master's degree is preferred. Candidates must have excellent writing, interpersonal, and organizational skills, and the ability to work with independence in dealing with the diverse elements of the academic environment. Experience with at least one coding language such as HTML, C++, Python, or similar. Preference will be given to candidates with experience teaching coding or other programming-related classes. This position requires confidentiality and professionalism.

PHYSICAL REQUIREMENTS: While performing the duties of this job, the individual must be able to walk frequently. The individual may frequently be required to bend or stoop. The individual may frequently be required to lift objects up to 20 pounds.