

TechXplore Facilitator

Reports To: Building Principal

Qualifications: Appropriate New Jersey Certification
Familiarity with NSTEP's ONLINE competition

General Description: TechXplore is NSTEP's 12-week ONLINE Technology competition for middle school and high school students. Teams of 2-6 students are matched with a mentor from the fields of science or technology. The team decides on a common everyday problem to tackle, and then comes up with a new solution to that problem using existing technology in a new way or a new technology. The team's final project is presented either in the form of a PowerPoint presentation or a website that describes the problem, the research process and the solution.

Major Duties and Responsibilities:

- 1.1 Facilitate work of the student team including meeting during tutorials as well as weekly after-school sessions that allow for contact with assigned industry mentor and project design team.
- 1.2 Integrate problem into curriculum and after-school program tying into the current Honors Research science course. Based on students' selected research ideas, adjustments will be made annually to the program.
- 1.3 Serve as primary contact for mentor and TechXplore program leaders.
- 1.4 Review past projects utilizing TechXplore rubric to assist team in developing new project and completion of presentation.
- 1.5 Complete annual online training webinars.
- 1.6 Responsible for the collection, deposit of funds, payment of bills and financial reporting according to board policies and regulations.
- 1.7 Evaluate the program annually to determine its effectiveness and offer recommendations for the following year, if necessary.

- 1.8 Perform additional duties related to activity as assigned by the building principal or assistant principal.

Evaluation: Performance of this job will be evaluated annually in accordance with provisions of board's policy on evaluation of extracurricular staff.

Frequency/Duration: Daily/12 weeks

Evaluation: In accordance with State Statutes, State Administrative Code, and Board Policy.

Adopted: Annual Reorganization Meeting