



KWLA After-School STEM Program Positions

STEM Certified Teacher Job Description

PURPOSE OF JOB: Under the direction of the Director KWLA, Inc, this position is responsible for implementing the STEM curriculum activities for elementary through high school students in KWLA, Ind. This position is also responsible for collaborating with teachers in promoting interdisciplinary STEM activities into the core curriculum.

DUTIES AND RESPONSIBILITIES:

1. Deliver STEM-oriented instruction through project-based learning methods.
2. Attends professional development and training related to STEM programs and methodologies, staying abreast of current research.
3. Employs a variety of instructional techniques, instructional media, and performance assessments, which guide the learning process toward curriculum goals and student learning.
4. Uses technology to promote learning, creativity, and collaboration.
5. Works directly with KWLA administrators and staff in the development, implementation, and evaluation of STEM initiatives and curriculum.
6. Organizes, develops, and coordinates special STEM events/activities for K-12th grades.
7. Coaches intern students on STEM initiatives and instructional best practices in the STEM areas.
8. Serves as liaison to prospective or selected STEM vendors with center director, to determine the best resources, options and innovations that will optimize the learning experience for students and staff.
9. Initiates new programs that support the S.T.R.E.A.M. vision of KWLA, Inc.
10. Shares STEM events and activities through KWLA social media, such as Facebook, Twitter, Instagram and KWLA's newsletter and website.
11. Collect data on best practices from student mastery of STEM programs and activities, program effectiveness and data for continuing funding on projects and programs of KWLA, Inc.
12. Teacher must be available year-round for KWLA's- after-school, school closure days, winter, spring during the hours of 4:30 pm- 7:30pm Monday- Thursday and full-time summer programs from 9:00 am- 4:00 pm

QUALIFICATIONS:

1. Current and Valid Teacher Certificate.
2. Master's in mathematics and/or Science and/or STEM preferred or related field or National Board Certification.
3. Demonstrate strong content knowledge and be familiar with the Alabama College and Career Readiness/Alabama Math, Science and Technology Initiative AMSTI/National STEM Standards and 21ST Century Standards for grades Kindergarten-12th grades
4. Experience in delivering professional development to student interns, volunteers, and educational aides.
5. Evidence of at least three (3) years of exemplary classroom teaching experience.
6. Excellent communication skills with students, parents, community stakeholders and media presence.
7. A proven track record in the use of a rich array of instructional methods, the analysis and use of data and technology to improve instruction, and the ability to build professional relationships, solve problems, and plan collaboratively.
8. Evidence of productive experience with problem-based learning.
9. Evidence of planning, organization, and time management skills that will bring structure and accountability to the position.
10. Proven ability to apply science and/or math content knowledge, formative assessment, and technology integration at a high level.
11. Deep understanding of student learning theory, brain-based learning, and differentiated instruction.
12. Deep understanding of differentiated instruction for students with disabilities.
13. Proven ability to collaborate with teachers/student teachers regarding student learning.
14. Desire to continue learning "what works" in classroom instruction.

Part- time Salary: \$24, 000



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College Undergraduate/Graduate Students Educational Assistant:

Work Hours and Days:

Before- School Care 6:00 am 10:00 am & After-School Care Monday- Friday 3:00 pm- 7:00 pm
Summer Program/School Day Closure/ Winter and Spring Breaks and some Holiday: 8:00 am- 6:00 pm

Job Description:

1. Educational assistant will work with a licensed teacher to accomplish S.T.R.E.A.M. objectives.
2. Supervise instructional activities to help students understand lessons.
3. Assistant will work with small groups of students or with one student at a time.
4. Educational Assistant duties will include helping teachers with clerical tasks like taking attendance, collecting data, updating program information. Additionally, they may confer with teachers on student performance, and they may oversee students outside of the classroom during field trips and related activities.
5. Educational assistant will work in kindergarten, elementary, middle, and high school classrooms under the directions of the assigned certified teacher.
6. Educational aide will work specifically with a diverse population of students. Work hour are part-time, during before/after-school, winter, and spring breaks but full-time during summer months.
7. Educational assistants will work in school STEM labs, math lab and school garden.
8. Educational assistants must have some prior college coursework or hold an associate degree, and some may hold a bachelor's degree.
9. Pass all required local, state, and federal fingerprint and background checks.
10. Self-directed, proactive, intelligent, knowledge of curriculum and assessment, multi-tasker, problem solving skills, professional written and verbal communication skills, ability to connect with students with patience and compassion.
11. Ability to manage stress, and self-regulate during chaos and crisis, consistently positive attitude, strong teamwork, passionate, genuine, organized, internally motivated, service orientation, ability to reserve judgment and respond with curiosity and compassion.

Salary Information: \$400.00 Monthly Stipend