



Job Description

Job Title: STEM Teacher
Position Code: 7E02, GE02, or XE02
Job Classification: Exempt

Supervisor: Principal
Pay Grade: 35A, 37A, 38A, 39A
Contract Length: 192 Days

Background Information

The division is preparing to build a new K-5 Magruder STEM elementary school in southeast Newport News. With an anticipated opening date of 2015, this school will be a state of the art facility that will serve as a model of excellence within the division and beyond. Teachers will employ cutting-edge, research-based instructional pedagogies to create a fully integrated approach to learning. In preparation for the 2015 opening, eight candidates will be selected to serve as teacher leaders at the new school. These candidates will participate in a fully-funded, five course graduate certificate program in STEM education offered through the National Institute of Aerospace and McDaniel College. Classwork will begin in January 2014 and will focus on research, current trends, and practical application of developments in the area of STEM education. Selected participants will commit to teach at the K-5 Magruder STEM school for a minimum of three years.

Target Date of Certificate Program: To begin January 2014

Target Date of Magruder Employment: 2015-2016 School Year

Job Summary

Under the direction of the principal, position is responsible for assisting with the development and mentoring of assigned teachers in an elementary STEM-infused school setting. Position serves as a model of learning and leadership by participating in and providing staff development, identifying the instructional needs of teachers, and serving as a liaison between the elementary curriculum and development department and administrators. Position plans and expands efforts that support high quality integrative STEM education for K-5 students. Position utilizes knowledge about best practices and instructional strategies to develop STEM lessons and resources that directly support curriculum implementation.

Essential Duties

1. Participates in a five-course STEM graduate certificate program to build a practical awareness and understanding of STEM education.
2. Plans, provides and evaluates instructional leadership and professional learning opportunities for colleagues within the school and across the division to build a collective vision and common framework for integrated STEM education.
3. Shares current research with fellow teachers in the area of STEM.
4. Develops and implements integrated STEM lessons across the curriculum to include appropriate STEM pedagogy that is aligned with the Standards of Learning.
5. Maintains a learning environment infused with STEM practices that serves as a model classroom.

6. Observes and conferences with teachers as assigned by the principal to facilitate the school-wide development of STEM teaching.
7. Maintains an inventory of materials to support the collection and organization of supplies necessary for teaching in a STEM setting.
8. Performs other duties as assigned by the building principal or other appropriate administrator.
9. Models nondiscriminatory practices in all activities.

Other Duties

Attends staff development programs, conferences, and other professional development activities. Keeps abreast of developments, research, and new technology in the field.

Job Specifications

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 accommodation may be made to enable individuals with disabilities, who are otherwise qualified, to perform the essential functions.

Minimum Qualifications (Knowledge, Skills and/or Abilities Required)

Must be a fully certified teacher endorsed to teach K-5. Must be currently employed by NNPS with a minimum of 1 year of exemplary teaching experience.

Working Conditions & Physical Requirements

Must have the ability to sit and stand for extended periods of time; exhibit manual dexterity to dial a telephone, to enter data into a computer; to see and read a computer screen and printed material with or without vision aids; hear and understand speech at normal classroom levels, outdoors and on the telephone; speak in audible tones so that others may understand clearly in normal classrooms, outdoors and on the telephone; physical agility to lift up to 25 pounds; and to bend, stoop, sit on the floor, climb stairs, walk and reach overhead.

Work Environment

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Duties are normally performed in a school/classroom environment. Duties may be occasionally performed on field trips away from school. The noise level in the work environment is usually moderate.

Supervision Exercised: Dependent on grade level and subject; may include instructional assistants, volunteers, tutors.

Supervision Received: Principal

This job description in no way states or implies that these are the only duties to be performed by this employee. The teacher will be required to follow any other instructions and to perform any other related duties as assigned by the Principal or appropriate administrator. Newport News Public Schools reserves the right to update, revise or change this job description and related duties at any time.

Approvals:

Supervisor

Date

I acknowledge that I have received and read this job description.

Employee Name (Print)

Signature

Date

Updated 9/20/13 (LR)