

# Smith County Board of Education

## Job Description

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### *Curriculum and Instruction*

## **Teacher – Computer/Technology**

### **JOB SUMMARY**

To educate students on how computers work, from the basic science and mathematics behind their operation to the actual hardware and the software build on those foundations.

### **QUALIFICATIONS**

- Teacher shall be licensed in accordance with state law and the regulations of the Tennessee State Department of Education. Such license shall be on file in the office of the Superintendent prior to beginning employment
- It is the responsibility of the employee to secure a certificate and to maintain its validity. When a teacher's contract must be terminated because the teachers' certificate has lapsed or other wise become invalid, the Superintendent shall immediately suspend the teacher without pay pending disposition of the matter. The teacher shall be notified of the reason for the suspension and given an opportunity for a hearing before the Board
- All teachers shall demonstrate competency based on the current job assignment and performance standards as outlined in the appropriate state model for local evaluation
- Such alternatives to the above qualifications as the Superintendent may find appropriate and acceptable

**OTHER QUALIFICATIONS:** The teacher must work cooperatively with students and adults; be able to successfully manage student behavior, follow directions; protect the confidentiality rights of parents and children; support child safety and good self-esteem; model appropriate grammar usage; communicate effectively; possess, use, and continue to develop teaching skills which result in expected student achievement. The teacher must be punctual and consistent in attendance. Teachers must be willing to work a year-round school calendar and/or a flexible schedule if called upon to do so.

**PHYSICAL DEMANDS:** This job may require lifting of objects that exceed 50 lbs., and/or carrying of objects weighing up to 25 lbs. Other physical demands that may be required are as follows:

- pushing and/or pulling
- climbing and/or balancing
- bending, stooping, kneeling, crouching and/or crawling
- reaching
- seeing

**PRIMARY DUTIES:** To perform teaching which results in appropriate student achievement and good self-esteem. To contribute to the successful operation of the total school and system program. To appropriately represent the system and the profession to parents and the community.

## **ESSENTIAL FUNCTION/JOB DUTIES**

- Responsible for instructing computer science to students at both the high school and college levels
- Guide and assist students in their entire learning experience, including welcoming them to the class, creating a curriculum and presenting all class information
- Teach their students about computer science, which is the study of how computer process and store information
- Teach students to write computer programs, algorithms and even programming languages; computer systems design is also covered
- Prepares the curriculum and presents the material to his or her class
- Complete many other general tasks as well such as tracking attendance, assigning homework, grading assignments, giving feedback and communicating effectively with students at all levels of technological understanding
- Maintain all data and records on the training center and prepare reports
- Update personal technological knowledge and skills
- Adapts to performing a variety of duties, often changing from one task to another of a different nature without loss of efficiency or composure
- Adapts to accepting responsibility for the direction, control, or planning of an activity
- Adapts to dealing with people beyond giving and receiving instruction
- Adapts to making generalizations, evaluations, or decisions based on sensory or judgmental criteria
- Perform other duties as assigned

## **GENERAL REQUIREMENTS:**

The above statements are intended to describe the general nature and level of work being performed by people assigned to this position. They are not intended to be a complete list of responsibilities, duties, and skills required of personnel so assigned.