College, Career & Technical Education
STREAM/Computer Science Coordinator

Purpose Statement

The STREAM/Computer Science Coordinator serves as one of the primary contacts between administrators, school staff, CCTE teachers, district personnel, post-secondary partners, businesses, and industry partners. The STREAM/CS Coordinator will provide services and support to ensure students are receiving the state-mandated computer science credits as well as high-quality instruction in STEM and STREAM courses.

This job reports to the CCTE Director.

Functions

- o   Structure and pacing of STREAM/STEM in middle school grades.

- o   Overseeing the delivery of standards related to the newly designed computer science courses in grades K-12.

- o   Ensure that all high schools and middle schools provide students access to computer science instruction for a minimum of at least one grading period of one school year based on the computer science academic standards.

- o   Ensure grades K-5 have computer science standards embedded within the instruction.

- o   Oversee STREAM/STEM and computer science standards, professional development, assist with the implementation of resources, develop pacing guides for consistency across the district, network and collaborate with all stakeholders including but not limited to district staff, principals, teachers, business/industry partners, post-secondary institutions, and the chamber of commerce.

Overview

- o   Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. Upon completion of high school CSF courses in the above-mentioned pathways, proficient students will be able to describe various information technology (IT) occupations and professional organizations.

- o   Demonstration of logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of internet security breaches; and writing styles appropriate for web publication.

- o   Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue if so desired.

- o   Information Technology careers involve the design, development, support, and management of hardware, software, multimedia, and systems integration services. The IT industry is a dynamic and entrepreneurial working environment that has a revolutionary impact on the economy and society. In addition to careers in the IT industry, IT careers are available in every sector of the economy-from Financial Services to Medical Services, Business to Engineering, and Environmental Services.

Job Requirements: Minimum Qualifications

- This is a certified position. Any Information Technology endorsement preferred along with Code.org training and STEM training across grades K-12. Elementary and secondary endorsements are preferred, along with an administrative endorsement and experience. This position will be district-wide in the CCTE department and will report directly to the CCTE Director at Central Services.

Skills and Knowledge

SKILLS are required to perform multiple technical tasks with a need to occasionally upgrade skills in order to meet the changing job conditions. Specific skill-based competencies required to satisfactorily perform the functions of the job include; analyzing, effective listening, and instructional techniques.

KNOWLEDGE is required to work with a significant diversity of individuals and/or groups, work with a variety of data, and utilize a variety of job-related equipment. Independent problem-solving is required to analyze issues and create action plans. Specific ability competencies required to satisfactorily perform the functions of the job include: adapting to changing work priorities; communicating with diverse groups; setting priorities; and building collaborative relationships.

Working Environment

Cumberland County Schools provides equal employment opportunities (EEO) to all employees and applicants for employments without regard to race, color, religion, gender, sexual orientation, gender identity or expression, national origin, age, disability, genetic information, marital status, amnesty, or status as a covered veteran in accordance with applicable federal, state, and local laws. Cumberland County Schools complies with applicable state and local laws governing nondiscrimination in employment in every location in which the school district has facilities. This policy applies to all terms and conditions of employment, including, but not limited to, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation, and training. Cumberland County Schools expressly prohibits any form of unlawful employee harassment based on race, color, religion, gender, sexual orientation, gender identity or expression, national origin, age, genetic information, disability, or veteran status. Improper interference with the ability of Cumberland County Schools employees to perform their expected job duties is absolutely not tolerated.

Experience   Job related experience in information technology, Code.org training, and STEM certification preferred.

Education   Bachelor's degree required. Elementary and/or secondary endorsement along with an administrative endorsement preferred.

Equivalency   None Specified

Required Testing	**Certificates & Licenses**
None Specified	Elementary and/or Secondary license and STEM Certification. Code.org training preferred.

Continuing Educ. / Training	**Clearances**
None Specified	Criminal Justice Fingerprint/Background Clearance Valid Tennessee driver's license

FLSA Status	**Approval Date**	**Salary Grade**
Non-Exempt		220-day contract-district pay scale will apply.