



# TALENT MANAGEMENT

## Job Description

<b>Job Title:</b>	Teacher, Computer Science
<b>Position Title:</b>	Teacher, Computer Science
<b>Function:</b>	Academics
<b>Sub-Function:</b>	Curriculum & Instruction

<b>Campus:</b>	Campus Assigned	<b>Pay Grade:</b>	Teacher Salary
<b>Reports to:</b>	Campus Principal	<b>FLSA Classification:</b>	Exempt
<b>Terms of Employment:</b>	<ul style="list-style-type: none"> <li>• 10 months/187 days</li> <li>• Term or Probationary contract, as applicable</li> <li>• Salary is on the teacher salary schedule on the SAISD Compensation Plan with consideration given for directly related experience</li> </ul>		

### Position Summary

The Computer Science teacher is responsible for instruction and computer lab supervision in the HS classroom providing students with appropriate learning activities and experiences designed to fulfill their maximum potential for intellectual, emotional, physical, and social growth. Teachers will enable students to develop competencies and skills that will prepare them for success in higher education and careers.

### Essential Functions / Key Responsibilities

1. Knowledge of State Performance Based Monitoring Analysis System (PBMAS) and ability to analyze and document data for improved student performance.
2. Develop and implement lesson plans that fulfill the requirements of the district's curriculum program, reflect accommodations for learning style differences, and show written evidence of preparation as required.
3. Present subject matter according to the guidelines established by the Texas Education Agency, board policies, and administrative regulations.
4. Work with other staff members to determine instructional goals, objectives and strategies according to district requirements.
5. Work with special education teachers to modify curricula as needed for special education students as identified in Individual Education Plans (IEP).
6. Plan and monitor work flow of instructional assistants and volunteers as appropriate.
7. Administer cyber safety and IT ethics exams prior to allowing students to work on computers.
8. Identify industry certification exam(s) aligned to content knowledge, provide instruction throughout the year to support student achievement.
9. Design instruction to prepare students to pass the Computer Science A/P Exam.
10. Establish partnerships with industry professionals to provide opportunity for student job shadowing, internships, and certifications.
11. Help students analyze and improve study methods and habits.
12. Conduct ongoing assessments of student achievement through formal and informal testing.
13. Support mission of school district by serving as a positive role model for students.
14. Create a classroom environment conducive to learning and appropriate for the physical, social, and emotional development of students.
15. Manage student behavior in accordance with the Student Code of Conduct and student handbook.
16. Take all necessary and reasonable precautions to protect students, equipment, materials and facilities.
17. Use effective communication skills to present information accurately and clearly to students, parents, and staff.



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18. Maintain a professional relationship with colleagues, students, parents and community members.
19. Participate in staff development and staff meetings and pursue ongoing professional development opportunities.
20. Keep informed of and comply with state, district, and campus policies for classroom teachers, including daily attendance, punctuality and confidentiality.
21. Compile, maintain and file all reports, records and other required documents.
22. Attend and participate in faculty meetings and serve on staff committees as required.
23. Comply with the Texas Educator's Code of Ethics.
24. Performs other related duties as assigned within the appropriate skill and experience capabilities expected for this position.

### Minimum Requirements

*(all candidates must possess these requirements in order to be considered for the position)*

- Bachelor's degree from an accredited four-year college or university
- Valid Texas teaching certificate in any of the following: Computer Science 8-12  
Technology Applications: Early Childhood 8-12.
- Working knowledge and experience as required by approved teachers' certificate.
- Candidate must have satisfactory outcome of fingerprinting background check.  
Non-refundable fee (approximately \$50.00) paid by applicant.

### Preferred Qualifications

- Preferred prior experience in computer programming, networking, or cyber security.

### Knowledge, Skills & Abilities

- Knowledge and skills in Computer Science
- Ability to prepare students to pass Computer Science A/P Exam
- Ability to align course content to accountability industry certification exams
- Knowledge of industry related software
- Knowledge of project-based learning programs
- Ability to market information technology, computer programming, and cyber security careers to students, staff, parents and business community
- Strong organizational, communication, and interpersonal skills
- Ability to adjust and adapt to a multitude of situations in the school environment

### Working Conditions

Work Environment:

- Computers and Computer peripherals, various software programs, teacher resource materials and equipment, audio-visual equipment, printers, copier, fax machine, telephone
- Frequent exposure to outside weather conditions. Occasionally exposed to wet and/or humid conditions; moving mechanical parts; fumes or airborne particles; toxic or caustic chemicals and risk of electrical shock. The noise level in the work environment is usually moderate.



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### Physical Demands/Requirements:

- Regularly required to stand, walk, talk, hear, write. Lift up to 25 pounds.
- Frequently required to use hands to handle or feel; reach with hands and arms; stoop, kneel, crouch, or crawl.
- Occasionally sit, climb, or balance, move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, peripheral vision, depth perception, and ability to adjust focus.
- Above average degree of concentration, communication (verbal and written), interpretation, understanding verbal instructions, analyzing, differentiating, reading, coordinating, compiling, computing, instructing, emotional control, memorizing, organizational skills, and the ability to work with individuals from diverse backgrounds.

### Supervisory Responsibilities / Direct Reports

- Supervise students and monitor work flow of instructional assistants as appropriate

**It is the policy of San Antonio ISD not to discriminate on the basis of race, color, religion, national origin, age, sex, gender identity, gender expression, sexual orientation or disability in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended, and SAISD's board policies DIA, FFH, and FFI.**

Employee Acknowledgement of Receipt: \_\_\_\_\_ Date: \_\_\_\_\_