



# Middle School Computer Teacher Job Description

**Job Title:** Middle School Computer Teacher (Grades 6-8)

**Reports to:** Principal

## **Position Overview:**

We are seeking a passionate and skilled Middle School Computer Teacher to join our team at TPA. The ideal candidate will have a strong background in computer science and a dedication to fostering creativity, critical thinking, and technological proficiency among middle school students. This role involves developing a dynamic and engaging curriculum, delivering interactive lessons, and mentoring students in extracurricular activities related to technology. If you are excited about the opportunity to inspire the next generation of tech innovators, we want to hear from you!

## **Key Responsibilities:**

### **Curriculum Development:**

- Design, adapt, and implement a computer science curriculum for middle school students that caters to diverse learning needs and interests.
- Incorporate innovative teaching strategies, emerging technologies, and real-world examples to ensure the curriculum remains relevant and engaging.
- Align lesson objectives with state and national educational standards and conduct both formative and summative assessments to monitor student progress and understanding.
- Continuously update and innovate the curriculum to keep pace with technological advancements and best practices in the field of computer science education.

### **Interactive Classroom Instruction:**

- Deliver engaging and interactive computer science lessons that focus on critical thinking, problem-solving, coding, digital literacy, and technology integration.
- Utilize a variety of teaching methods, including coding challenges, hands-on activities, group projects, and multimedia resources, to accommodate diverse learning styles and keep students motivated.
- Foster a classroom culture of collaboration, where students actively participate, ask questions, and share insights.
- Encourage students to apply their learning to real-world technology problems, nurturing their ability to think like developers, engineers, and problem solvers.

### **Classroom Management:**

- Create and maintain a positive, inclusive, and respectful classroom environment that encourages collaboration and active engagement.
- Implement effective classroom management strategies to promote student focus, respect for others, and constructive classroom behavior.
- Organize classroom materials and technology resources efficiently, ensuring students have access to tools that enhance their learning experience.



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- Monitor student participation, attendance, and progress, addressing any behavioral or academic concerns promptly and professionally.

### **Effective Communication with Parents and Stakeholders:**

- Regularly communicate with parents, guardians, and other stakeholders to update them on students' progress, upcoming assignments, and classroom activities.
- Host parent-teacher conferences and informational sessions to discuss curriculum, student performance, and opportunities for improvement.
- Collaborate with colleagues, administrators, and support staff to share insights and coordinate activities that benefit student learning and school-wide initiatives.

### **Assessment:**

- Develop and implement a variety of assessments, including quizzes, coding projects, and problem-solving challenges, to measure student understanding of computer science concepts.
- Analyze assessment data to identify strengths and areas for improvement, adjusting teaching strategies as needed to meet individual and class-wide needs.
- Provide timely, actionable feedback to students to guide their growth, fostering a growth mindset and encouraging continuous improvement.
- Communicate assessment results to students, parents, and other stakeholders in a clear and constructive manner, promoting open dialogue about student progress.

### **Record-Keeping:**

- Maintain accurate and up-to-date records of students' grades, assignments, and project outcomes, adhering to school policies and procedures.
- Securely manage and organize assessment data, ensuring it is easily accessible for future reference.
- Collaborate with colleagues to contribute to school-wide data collection and reporting efforts, supporting a holistic understanding of student progress.

### **Data-Driven Instruction:**

- Utilize student performance data from assessments and classroom observations to inform instructional decisions, adapting teaching methods to meet diverse learning needs.
- Use data insights to adjust content delivery, ensuring that all students receive the support and challenge they need to succeed.
- Continuously refine teaching strategies based on assessment results, striving for continual improvement in student outcomes.

### **Club Sponsorship & Extracurricular Activities:**



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- Organize and lead extracurricular activities, such as coding clubs, robotics teams, or technology workshops, to extend student engagement with computer science beyond the classroom.
- Provide mentorship and guidance to students involved in these activities, encouraging teamwork, creativity, and a passion for technology.
- Coordinate club meetings, events, and competitions, ensuring that students have a safe, enriching experience that enhances their learning and fosters a love for technology.

### **Qualifications:**

- Bachelor's degree in Computer Science, Information Technology, Education, or a related field.
- Valid Florida teaching certification in Middle Grades Computer Science (Grades 5-9) or eligibility for certification.
- Minimum of 2 years of teaching experience, preferably in a middle school setting.
- Proficiency in programming languages (e.g., Python, Java, HTML/CSS), web development, and educational software.
- Strong classroom management skills and the ability to engage students with diverse learning needs.
- Excellent communication and collaboration skills, with a focus on working with students, parents, and colleagues.
- A passion for technology education and a commitment to fostering students' growth as problem solvers and critical thinkers.

### **Equal Employment Opportunity**

TPA is an Equal Opportunity Employer. We are committed to providing equal employment opportunities to all qualified individuals, regardless of race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status. We ensure that all employment decisions are made without discrimination. For additional information regarding your rights as an applicant, please refer to the U.S. Equal Employment Opportunity Commission poster.

### **Conviction History Background Check**

This position requires fingerprinting and a background check due to the nature of the responsibilities. TPA is an equal opportunity employer and considers applicants with conviction histories. We review all background information within the context of the job requirements. Employment may be contingent upon the successful completion of the background check.

### **Misconduct Disclosure Requirement**

As part of the employment process, the final candidate who accepts a conditional offer of employment will be required to disclose any final administrative or judicial decisions within the past seven years that found them responsible for misconduct. Additionally, candidates must disclose if they have received notice of allegations or are currently under investigation in any



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administrative or disciplinary proceedings involving misconduct, or if they left a previous position while under investigation or after receiving notice of such allegations.

"Misconduct" is defined as any violation of workplace policies or laws, including but not limited to sexual harassment, sexual assault, other forms of harassment, discrimination, dishonesty, or unethical conduct, as defined by the applicant's previous employer. For reference, our institution adheres to policies that address these behaviors.

### **Job Description Disclaimer:**

This job description is intended to provide a general overview of the responsibilities and qualifications for the Middle School Computer Science Teacher role. It is not an exhaustive list of all duties and may change at any time, with or without notice.