

**Orlando Science Charter School-East Campus**  
**JOB DESCRIPTION**



<b>JOB TITLE</b>	Middle School Teacher
<b>JOB PURPOSE</b>	To inspire and guide students in their education journey, ensuring that they not only grasp the fundamental concepts but also thrive academically. Create a positive and engaging learning environment, delivering quality instruction and fostering the social and emotional growth of middle school students.
<b>Responsibilities:</b>	<p><b>1. Curriculum Development:</b></p> <ul style="list-style-type: none"> <li>•Develop comprehensive, innovative STEM curricula that align with state and national standards, ensuring that they cover a wide range of STEM disciplines.</li> <li>•Keep curriculum materials up to date to reflect the latest advancements in STEM fields.</li> <li>•Collaborate with other educators to share resources and improve curriculum quality.</li> </ul> <p><b>2. Classroom Instruction:</b></p> <ul style="list-style-type: none"> <li>•Create an inclusive and engaging classroom environment that encourages active participation and critical thinking.</li> <li>•Utilize a student-centered approach that promotes interactive classroom discussions and problem-solving activities.</li> <li>•Incorporate technology and multimedia resources to enhance the learning experience.</li> </ul> <p><b>3. Interactive Classroom Instruction:</b></p> <ul style="list-style-type: none"> <li>•Foster a collaborative learning environment where students actively engage with the material and with each other through group projects, debates, and discussions.</li> <li>•Encourage students to ask questions, explore real-world applications of STEM concepts, and share their insights and findings.</li> <li>•Implement active learning strategies, such as flipped classrooms or peer teaching, to stimulate student participation.</li> </ul> <p><b>4. Effective Communication with Stakeholders:</b></p> <ul style="list-style-type: none"> <li>•Maintain open and transparent communication with parents, guardians, and school administrators regarding students' progress and performance.</li> <li>•Organize and participate in parent-teacher conferences, providing constructive feedback and discussing strategies for student improvement.</li> <li>•Collaborate with school leadership to align curriculum goals with the school's overall educational mission.</li> </ul> <p><b>5. Hands-On Learning:</b></p> <ul style="list-style-type: none"> <li>•Design and supervise hands-on experiments, projects, and activities that reinforce theoretical concepts.</li> <li>•Provide guidance and encouragement to students as they work on STEM-related projects, fostering their problem-solving and teamwork skills.</li> <li>•Ensure a safe and well-equipped laboratory environment for practical work.</li> </ul> <p><b>6. Supervision of Students:</b></p> <ul style="list-style-type: none"> <li>•Maintain a safe and orderly classroom environment, ensuring that students follow safety protocols during experiments and activities.</li> <li>•Monitor student behavior, ensuring adherence to school policies and promoting a respectful and inclusive classroom atmosphere.</li> <li>•Be available to provide guidance and support to students during and outside of regular class hours.</li> </ul> <p><b>7. Professional Development:</b></p> <ul style="list-style-type: none"> <li>•Actively engage in ongoing professional development opportunities to enhance teaching skills, stay informed about the latest educational trends, and continuously improve as an educator.</li> <li>•Attend workshops, conferences, and training sessions related to STEM education and integrate new knowledge into classroom practices.</li> <li>•Engage in ongoing self—improvement as an educator.</li> </ul> <p><b>8. Assessment:</b></p> <ul style="list-style-type: none"> <li>•Develop and administer a variety of assessments, including tests, quizzes, projects, and presentations.</li> <li>•Analyze student performance data to identify areas for improvement and provide constructive feedback.</li> <li>•Offer additional support or enrichment opportunities to meet individual student needs.</li> </ul> <p><b>9. Innovation:</b></p> <ul style="list-style-type: none"> <li>•Stay current with developments in STEM fields and incorporate emerging trends and technologies into the curriculum.</li> <li>•Encourage students to explore STEM-related topics independently and develop a sense of curiosity and inquiry.</li> </ul>

	<ul style="list-style-type: none"> <li>•Foster a growth mindset among students, inspiring them to embrace challenges and learn from failures.</li> </ul> <p><b>10. Extracurricular Activities:</b></p> <ul style="list-style-type: none"> <li>•Initiate, supervise, or participate in extracurricular STEM clubs, competitions, or projects, such as robotics clubs, science fairs, or coding teams.</li> <li>•Provide mentorship and guidance to students involved in extracurricular STEM activities.</li> <li>•Help students apply their STEM knowledge to real-world problem-solving.</li> </ul> <p><b>11. Collaboration:</b></p> <ul style="list-style-type: none"> <li>•Collaborate with fellow educators and school staff to ensure consistency and alignment in curriculum planning and delivery.</li> <li>•Attend department meetings and professional development sessions to share best practices and keep abreast of the latest teaching strategies.</li> <li>•Foster a positive and cooperative school culture that encourages teamwork and mutual support.</li> </ul>
<p><b>Required Knowledge, skills, and abilities</b></p>	<ul style="list-style-type: none"> <li>• Demonstrate proficiency and in-depth knowledge in STEM subjects, keeping up to date with advancements in the field.</li> <li>• Showcase effective teaching skills, with the ability to engage students, adapt to various learning styles, and maintain a productive classroom environment.</li> <li>• Exhibit strong classroom management skills, ensuring the safety and well-being of students and adherence to school policies.</li> <li>• Have the capability to design and implement comprehensive STEM curricula that align with state and national standards, in accordance with educational regulations.</li> <li>• Skillfully administer assessments, analyze student performance data, and provide constructive feedback to comply with assessment guidelines.</li> <li>• Be proficient in using technology and multimedia resources for interactive learning, adhering to the school's technology policies.</li> <li>• Possess strong communication skills for effective interaction with students, parents, guardians, and school administrators, ensuring compliance with communication protocols.</li> <li>• Engage in extracurricular activities while adhering to applicable laws and school policies, promoting students' growth and interests.</li> <li>• Uphold the highest ethical standards in teaching, maintaining confidentiality and adhering to applicable laws and regulations governing education.</li> </ul>
<p><b>Qualifications:</b></p>	<ul style="list-style-type: none"> <li>• Bachelor's Degree in a STEM-related field.</li> <li>• Valid State of Florida teaching certification.</li> <li>• Strong classroom management Skills</li> <li>• Knowledge of assessment methods and strategies for differentiated instruction.</li> <li>• Excellent communication and interpersonal skills, fostering positive relationships with students, parents, and colleagues.</li> </ul>
<p><b>Preferred Qualifications</b></p>	<ul style="list-style-type: none"> <li>• Master's degree in education or a relevant field is preferred</li> <li>• Enthusiastic about fostering a love for STEM learning among middle school students and dedicated to their academic growth.</li> <li>• 2 years of demonstrated experience in teaching STEM classes.</li> <li>• Passion for STEM education and a growth mindset.</li> <li>• Commitment to fostering a diverse and inclusive learning environment</li> <li>• Proficiency in integrating educational technology and software to enhance learning experiences.</li> <li>• An understanding of learner-centered proficiency-based education.</li> <li>• A commitment to academic excellence.</li> <li>• Demonstrated ability to create an inclusive and supportive learning environment that encourages curiosity and critical thinking.</li> </ul>
<p><b>Physical Requirements:</b></p>	<p>Frequently expected to stand, walk, sit, talk, hear, use hands and arms to handle, feel or reach, operate office equipment, computer, copy machines, phones, hand-held learning gadgets, and other office equipment, bend, kneel, crouch and crawl, carry, push, pull and lift or move up to 25 pounds.</p>
<p><b>Equal Opportunity Employer</b></p>	<p>Orlando Science Schools is an equal opportunity employer committed to diversity and inclusion in its educational community. We encourage all qualified candidates to apply for this rewarding and impactful position.</p>
<p><b>Disclaimer</b></p>	<p>The above job description is intended to describe the general nature and level of work being performed by individuals assigned to this position. It is not intended to be an exhaustive list of all responsibilities, duties, and skills required. Duties may be altered or added at the discretion of the school administration.</p>