

STEM Campus Walk-Through Checklist: Elementary and Secondary	Evidence/Notes
Campus: _____ Observer: _____ Location: _____ Date: _____	
<p><b>Program Mission and Vision</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> The stakeholders at all levels are consistent in their articulation of STEM program and its benefits.</li> <li><input type="checkbox"/> The vision and expectations of growth and development of the STEM program is clearly articulated.</li> <li><input type="checkbox"/> Teachers use flexible planning systems to integrate STEM throughout the curriculum for all students and to adjust the direction of learning as needed.</li> <li><input type="checkbox"/> Data is used frequently and systematically to improve STEM outcomes.</li> <li><input type="checkbox"/> Targeted recruitment plans effectively recruit and retain traditionally underrepresented students, including those who face academic, language, and other learning barriers.</li> <li><input type="checkbox"/> Lessons are designed with a wide range of students in mind—scaffolding, stretch, and varied grouping strategies.</li> </ul>	
<p><b>Culture and design</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> The school purposefully deepens the understanding of wider concepts by providing various STEM experiences for students.             <ul style="list-style-type: none"> <li><input type="checkbox"/> Field trips</li> <li><input type="checkbox"/> STEM speakers</li> <li><input type="checkbox"/> STEM competitions</li> <li><input type="checkbox"/> STEM residencies</li> <li><input type="checkbox"/> STEM exposure</li> <li><input type="checkbox"/> STEM Night</li> <li><input type="checkbox"/> Robotics/ Coding</li> </ul> </li> <li><input type="checkbox"/> Cross curricular planning and collaboration is an integral part of the instructional program.</li> <li><input type="checkbox"/> Project-based and problem-based curriculum, instruction, and assessment are key drivers of the instructional practice.</li> <li><input type="checkbox"/> Students are provided with opportunities to analyze careers that exist in a variety of STEM fields.</li> </ul>	
<p><b>Teaching and Learning</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Opportunities exist for students to engage in technology responsibly throughout the school day.</li> <li><input type="checkbox"/> Students engage in rich discourse in which decision-making, problem-solving, and problem-posing are evident.</li> </ul>	

<p><b>Professional Development</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> All teachers have the opportunity to engage in STEM-focused experiential learning.</li> <li><input type="checkbox"/> Campus-based professional development is a reflection of current industry best practices.</li> <li><input type="checkbox"/> Campus provides teachers with multiple opportunities for STEM professional development.</li> <li><input type="checkbox"/> Campus has a clearly-defined professional development plan that supports STEM-focused teaching and learning.</li> </ul>	
<p><b>STEM Alliances</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Industry professionals are part of the STEM Program Advisory committee and provide external industry-based experiences for students on an ongoing basis.</li> <li><input type="checkbox"/> The STEM program benefits from an existing two-way post-secondary partnership (university programs, professors, or students) evident in curriculum, teacher development, technical assistance, and/or resources needed to build a high quality STEM program.</li> <li><input type="checkbox"/> The school is a participating member of an established network of district STEM programs that have some degree of vertical collaboration.</li> <li><input type="checkbox"/> Growing numbers of the school's current STEM students matriculate to the next level district STEM programs.</li> </ul>	