



Virtual STEM Walk Indicators*

In a shared class synchronous learning environment (face-to-face & remote students), we are partnering with local school admin teams to collect observational data of classroom instruction. These data will be shared with the STEM Walk Committee and will be evidence used to provide feedback to the school regarding STEM implementation.



These data should be submitted by the form found at [this link](#) or QR code.

To receive form results, please contact Tania Pachuta or Dr. Sally Creel.

1. Rigorous and Relevant STEM Learning Culture		Very Evident	Evident	Somewhat Evident	Not Observed
1.2 Learners are intentionally provided unique STEM focused interdisciplinary instructional experiences aligned to relevant math and/or science standards.	STEM instruction integrates multiple STEM disciplines. Relevant GSE for math and/or science are the focus of the learning. Additional content disciplines (ELA, social studies, technology, fine arts, etc.) are integrated as applicable.	4	3	2	1
1.4 STEM educators serve as facilitators who provide guidance and support of rigorous student-centered learning experiences.	Educators serve as a facilitator of learning.	4	3	2	1
2. STEM Learning Experiences and Outcomes		Very Evident	Evident	Somewhat Evident	Not Observed
2.1 Learners work independently and collaboratively in an inquiry-based learning environment that encourages finding creative solutions to authentic (real-world) and complex problems using the engineering design process.	Learning integrates the 4Cs – Creativity, Communication, Collaboration, Critical Thinking as well as developing soft skills and teamwork.	4	3	2	1
	Learners engage in investigative research and/or apply the Engineering Design Process to develop solutions to real-world problems.	4	3	2	1
3. Teacher Collaboration and Professional Learning		Very Evident	Evident	Somewhat Evident	Not Observed
3.1 STEM educators and leaders meet on a regular and frequent basis to plan, revise and improve learning experiences.	Evidence of STEM PBLs being implemented across courses and classrooms; STEM learning isn't limited to a single classroom/course.	4	3	2	1
Comments:					

*Indicators not included here will be evaluated using evidence from the school's STEM certification portfolio, panel interviews, and other artifacts. For the full listing of indicators, please visit <http://www.stemcobb.com/about.html>