

STEM

A Working Definition... from the Academic Standards Lens



STEM **education** is an integrated, interdisciplinary approach to learning that provides hands-on and relevant learning experiences for students.



STEM **learning** engages students and equips them with critical thinking, problem solving, creative and collaborative skills, and ultimately establishes connections between the school, workplace, community and the global economy.



STEM **instruction** helps students in developing conceptual understanding in science and mathematical concepts, technical and engineering practices, and disciplinary discourse.