## WHAT IS THIS THING CALLED STEAM?

By Merrie Koester, Ph.D. University of South Carolina Center for Science Education

## **STEAM** is

the Art of thinking and making ideas, performances, and other artifacts using tools (Technology),
Science knowledge,
Mathematical reasoning,
and design practices (Engineering)
in a intentional manner so that each STEAM component complements the others.

## **STEAM** is

Teams of Teachers working in COMMUNITY TOGETHER to

CREATE curriculum that is transdisciplinary, inclusive, and empowering.

## **STEAM** is a

PROBLEM-SOLVING approach to teaching and learning. It features multiple **C'ing** Practices:

**C**ARE

Cultural relevance
Creative process
Critical Thinking
Collaboration
Curating
Critique
COMMUNICATION