

# Georgia STEM/ STEAM and CTAE

## STEM/ STEAM Georgia

Parents - Teachers - Administrators - CTAE Directors

- Certification Process
- Defined Vision and Culture
- Interdisciplinary Focus (K-12)
- Student Driven Investigative Research
- Teacher Collaboration Across Disciplines

## CTAE

- Student Centered
- 21<sup>st</sup> Century Skills
- Real World Connections
- Nontraditional Student Participation
- Project and Problem Based Learning
- Workforce Development and Employability Skills
- Strong Math, Science, and Arts Applications
- Engineering and Design Thinking Processes
  - Student Internships or Capstones
  - Rigorous and Relevant Instruction
    - Technology Integration

Community Partners - Business and Industry - District Supervisors - Students

