



Iowa Governor's STEM Advisory Council

Guidelines for STEM BEST® Program Businesses Engaging Students and Teachers

STEM BEST® Program Curriculum

STEM BEST® Program models will inspire lifelong learning within interdisciplinary environments, stimulating constructive connections between life and the work world that awaits. A robust STEM curriculum that is relevant, dynamic and focused on personalized, deeper learning for students and educators will include:

- Instructional strategies that support project-based learning
- Create/Implement STEM-focused, career-driven curriculum demonstrating concepts of the Iowa CORE standards
- Focusing on:
 - Critical thinking
 - Complex communication
 - Creativity
 - Collaboration
 - Flexibility and adaptability
 - Productivity and accountability
- Authentic assessment
- Career and college readiness as key outcomes
- Integration of arts and culture curriculum when appropriate

Successful STEM BEST® Program models engage business, economic and workforce development, and higher education in co-development of curriculum aligned to the needs of local workplaces while meeting the state academic standards.