

# ADE SUPPORT FOR STEM LITERATE STUDENTS

- **Teachers and School Leaders**

- Desired Outcomes
  - Use standards driven instruction.
  - Practice interdisciplinary instructional approaches.
  - Incorporate strong emphasis on literacy.
  - Increase content knowledge.
  - Provide opportunities for students to be immersed in the disciplinary practices.
  - Develop rigorous, relevant, and real-world tasks.
  - Encourage family engagement.

## Behaviors and Influence

- **Business and Industry**

- Desired Outcomes:
  - Employ more diverse workforce.
  - Encourage increased number of students going to college or career technical training.
  - Value skilled, knowledgeable workforce.
  - Value 21st Century learners

## Behaviors and Influence

- **Family and Community**

- Desired Outcomes
  - STEM literate.
  - Possess 21st century competencies.
  - Demonstrate STEM workforce readiness.
  - Interested and engaged in learning.
  - Able to make the connections among STEM disciplines and Arizona Standards.
  - Participate as active and responsible citizens.
  - Support academic success.

- Make real life connections for school and home.
- Build partnerships with collaborative networks, clubs and informal education organizations.
- Engage in mentoring opportunities
- Reinforce literacy skills.
- Create partnerships and apprenticeships
- Encourage family outreach

