ADE SUPPORT FOR STEM LITERATE STUDENTS

• Teachers and School Leaders
  o 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
  o 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
  o 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