## STEM RESOURCES

### STEM INSTRUCTIONAL RESOURCES

- STEM Teaching Tools
- STEMAZing Project
- STEM Literacy
- Scientific and Engineering Habits of Mind
- PBS Kids Design Squad
- Problem Based Learning - Clearinghouse of Problems
- Using Data in the Classroom

### AZ STANDARDS SUPPORTING STEM

- Science Standards
- Math Standards
- Educational Technology Standards
- Computer Science Standards

### STEM PROFESSIONAL ORGANIZATIONS

- Arizona Section of American Association of Physics Teachers
- American Association of Physics Teachers
- American Institute of Physics - Education Division
- American Physical Society Forum on Education
- American Society for Engineering Education

### STEM EDUCATION RESEARCH

- STEM Integration in K-12 Education: Status, Prospects, and an Agenda for Research (2014)
- Exploring Opportunities for STEM Teacher Leadership: Summary of a Convocation (2014)
- Infusing Real World Experiences into Engineering Education (2012)
- Successful STEM Education: A Workshop Summary (2011)
- Successful K-12 STEM Education: Identifying Effective Approaches in Science, Technology, Engineering, and Mathematics (2011)
- Monitoring Progress Toward Successful K-12 STEM Education (2013)

### ADDITIONAL STEM RESOURCES

- STEM Endorsement – Micro Certificate
- STEM by Choice Universal Guide