



STEM Classroom to Career Connections

*Bringing the “real world” into the classroom . . .
and the classroom into the real world!*

STEM Classroom to Career Connections utilizes digital technology to bring scientists, engineers and other STEM professionals into the classroom to encourage them to excel in STEM learning and to introduce them to the variety of STEM-related careers and career pathways. Classroom to Career Connections includes several digital and interactive options:

INSPIRE

Career Connect Videos –short two- to three-minute videos featuring STEM professionals discussing the topic and science content that students are learning in the classroom as well as STEM careers and career pathways.

EXPLORE

Digital “Ask a STEM Professional” – as a stand-alone or follow-up to the Career Connect Videos, ASSET is compiling a resource list of STEM professionals by science topic available for digital classroom discussions, Q&A and real-world connections using free or low-cost technology that is readily available such as Google Chat or Skype. This will allow students to personally interact with STEM professionals, ask questions about careers, and even allow for a demonstration.

ENGAGE

Problem/Project-Based Learning – With the increased focus on preparing students with 21st Century Skills, including communication, collaboration, critical thinking and creativity, ASSET’s Problem-Based Learning (PBL) course supports teachers in the creation, design and development of a PBL that engages their students in analyzing real-world issues and problems for which they will develop solutions. Tapping into the STEM resources available through its partnerships with business/industry and professional associations, ASSET can help teachers connect with companies interested in engaging with students through problem-based learning opportunities. It also gives employers insight into the classroom and opens dialogue to bridge the gaps.

IMAGINE

STEM Career and Career Path Resources –an online listing of resources and websites to inform counselors, students and their parents in understanding why STEM education is important as well as the wide range of STEM careers and nontraditional career pathways. Resources will include links to quality resources produced by associations, business and industry partners on the STEM Classroom to Careers section of ASSET’s website.