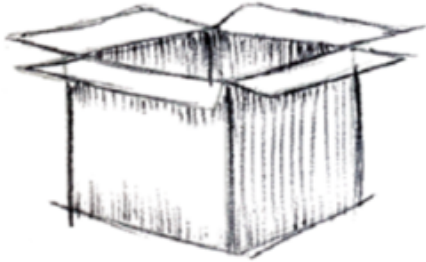


From STEM to STEAM

Discover

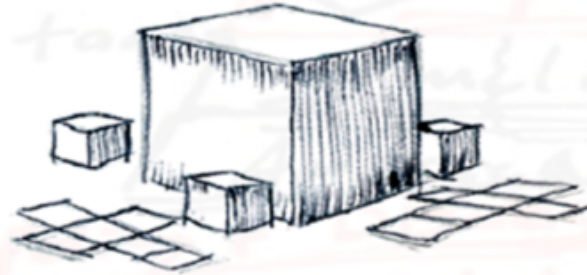
Art + science research go hand-in-hand



- > Adding Art + Design to STEM research will enhance U.S. economic competitiveness.
- > In a rapidly changing world, the tools and methods of design offer new models for creative problem solving and interdisciplinary partnerships.
- > Artists and designers can effectively communicate complex data and scientific information to multiple stakeholders and broad audiences.
- > Artists and scientists both ask big questions; designers and engineers both provide inspired solutions. Together they are more powerful than apart.

Educate

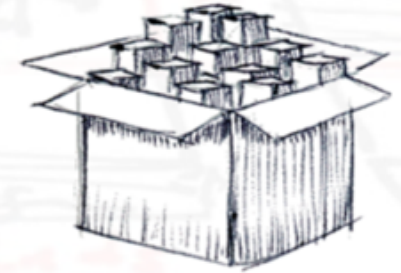
Integrate the arts into STEM curricula



- > Integrating Art + Design into STEM education promotes critical thinking, a key 21st century skill.
- > The tools and methods of design offer new models for creative problem solving, introducing innovative practices of design thinking into STEM education.
- > Art education teaches the flexible thinking and risk taking that are needed in today's complex and dynamic world.
- > STEAM education promises to increase student engagement and unlock creative thinking and innovation.

Hire

Tomorrow's innovators are artists and designers



- > STEAM is a pathway to increase U.S. economic competitiveness.
- > Art + Design provide real solutions for our everyday lives, distinguish American products in a global market place, and create opportunity for economic growth.
- > Design is increasingly becoming a key differentiator for technology startups and products.