

Hands-On/Minds-On: 21st Century Skill Development Through Arts and Science

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STEAM Lesson Planning Resources

- www.SteveSpanglerScience.com is great for science experiments and professional development.
 - NASA has some great resources—sometimes the full website can be overwhelming. A lesson planning source that helps to break down the information by timeframe/age group/subject is <http://nasawavelength.org/>
 - Crafted by teachers for teachers—helps to sift through their wealth of info.
 - Blick Art is where we order many of our art supplies, but they also have a rich lesson plan database. <http://www.dickblick.com>-click on for educators
 - www.incredibleart.org is also a favorite of our visual arts center teachers with some overarching concepts but then lots of activity ideas and lesson plans for different age groups.
 - www.kinderart.com is another favorite for visual arts activities which separates plans by age group or topic area/theme.
 - For performing and visual arts and interdisciplinary lesson plans, I would also recommend the Kennedy Center—www.artsedge.kennedy-center.org. There are some fun, interdisciplinary ideas here.
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Other Resources:

- Research and Models for Arts Integration in Schools:
 - <http://artsaskformore.artsusa.org/>
 - <http://www.mswholeschools.org/>
 - <http://turnaroundarts.pcah.gov/>
- <http://www.artsonia.com/> --Online art gallery for teachers to display student work
- <http://education.kennedy-center.org/education/vsa/> --Resources for arts inclusion for people with disabilities
- Rootsandshoots.org --Educator resource for developing student-led community service projects
- <http://www.vtshome.org> Visual Thinking Strategies utilizes active viewing of art as language development/critical thinking
- <https://oliverherringtask.wordpress.com/make-your-own-task> --TASK parties—Art parties/inclusive celebrations of community art making
- <https://afterschoolmakers.shutterfly.com/> --Makerspace resources, challenges, and ideas.