



**ONLINE
WORKSHOPS**

Deepening and Extending Family Engagement Through Interactive Exhibits and Hands-on Activities

Online Workshop Summary of Resources
10-23-2018

ONLINE WORKSHOP PRESENTERS

- Ali Jackson, Sciencenter
- Marta Beyer, Museum of Science
- Elizabeth Andanen, Oregon Museum of Science and Industry

RECORDING OF THE ONLINE WORKSHOP

- <https://vimeo.com/297764994> (Vimeo)
Note: Some of the facilitation video clips of ChemAttitudes hands-on activities shown during the workshop were from early prototype versions and not all of these activities made it into the final Explore Science: Let's Do Chemistry kit.

NISE NETWORK RESOURCES

ChemAttitudes project page

<http://www.nisenet.org/chemattitudes>

- **Explore Science: Let's Do Chemistry digital kit:** <http://nisenet.org/chemistry-kit>
Includes links to nine hands-on activities designed to stimulate interest, sense of relevance, and feelings of self-efficacy about chemistry among public audiences.

Also includes links to professional development and training materials:

- **Let's Do Chemistry: A Framework and Strategies to Encourage Positive Attitudes Toward Learning Chemistry in Museums and Formal Settings**
http://nisenet.org/sites/default/files/chem_ldc_framework_and_strategies_guide.pdf
- **Tips for Facilitating Hands-on Chemistry Activities**
http://nisenet.org/sites/default/files/chem_tips_for_facilitating.pdf
- **Let's Do Chemistry: Event Overview and Training**
http://nisenet.org/sites/default/files/chem_training_overview_notes.pdf

OTHER RESOURCES

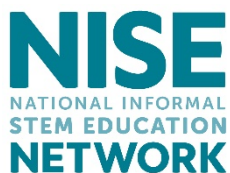
Researching the Value of Educator Actions for Learning (REVEAL) project page

<https://external-wiki.terc.edu/display/Reveal/>

- **Educator Resources:** REVEAL Responsive Museum Facilitator Guide
<https://external-wiki.terc.edu/display/Reveal/Educator+Resources>

The REVEAL Responsive Museum Facilitation Guide includes:

- An introduction to the REVEAL project and the video-based professional development program;
- Guidance and facilitation tips for staff members leading the program with their colleagues;
- Four discussion modules, each focused on a different aspect of facilitation and each linked to two specific videos of staff-family interactions;
- Handouts for participants, including background readings and video discussion guides; and
- Articles and resources for learning more about each module topic.



Developed and distributed by the National Informal STEM Education Network.

Copyright 2018, Science Museum of Minnesota. Published under a Creative Commons Attribution-Noncommercial-ShareAlike license: <http://creativecommons.org/licenses/by-ncsa/3.0/us/>